



**BITS Pilani**  
Pilani Campus

# **PU CHRONICLES 2016-17**

## **RECRUITMENT PROCESS AND INTERVIEWEE TESTIMONIALS**

# Foreword

Dear Students,

It gives us immense pleasure to present the PU Chroniclers for the placement season 2016-17. The document aims to provide you with a wealth of information that would help you to make important decisions related to your placements and academics. Being a first time effort, there are a number of areas where the information is incomplete - especially in the job descriptions given at the end of the document. We urge you to get in touch with us directly to clarify doubts, and also write to us at [pu.bitspilani@gmail.com](mailto:pu.bitspilani@gmail.com) in case you notice any glaring errors. We will ensure that a rectification notice is sent at the earliest. In a case where you are especially interested in a company, we would be very happy to get in touch with the concerned HR managers separately and ensure you have the information you are looking for.

In spite of our best efforts, we have not been able to get student testimonials for some streams such as Pharmacy. Other areas too have seen a slightly low number of responses from the senior batch. We believe that it is the moral responsibility of the current batches to give back to the institution by ensuring that the yearly response to the creation of this document increases in leaps and bounds, to ensure that the junior batches have authentic guidance available to them.

Hence, prepare hard and be optimistic. Stay hungry, but don't get foolish!

All the Best,  
Placement Team,  
Pilani Campus

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## Information Technology

**Sector:** IT

Name: Atishay Jain (A7)

**Company:** Adobe Systems

**Profile:** Software Engineer

### Recruitment Procedure

- Online Test, Technical Interview, HR.
- It was a standard coding test with questions from dynamic programming, graphs etc.
- In the personal interview questions related to C-syntax, coding and puzzles were asked.

### Sources of Preparation

Interviewbit

### Courses and Certification

DSA, OOP, OS

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**Sector:** IT

Name: Piyush Jain (A7)

**Company:** Adobe Systems

**Profile:** Member of Technical Staff

### Recruitment Procedure

- Resume Shortlisting, Online Test, Technical Interview, HR
- It was a standard coding test with questions from dynamic programming, graphs etc.
- I had three interviews.

- 1st Interview - I was given 3-4 problems on Data structures and Algorithms and asked to come up with solution. Required only pseudo code.
- 2nd Interview - Many questions related to OS, cloud computing were asked. One question was on thinking of a coding tweak to automatically detect unused memory chunks and remove them. They also spent 5-10 minutes on resume also.
- 3rd Interview - This was completely design oriented and was taken by a senior member. One question was - given a circuit board and many circuit components in many shapes and sizes, think of a method to arrive at the minimum size rectangular circuit board, in such a way that all components can be accommodated in it. This was mostly for discussion, as I don't think it is easy to arrive at a solution in 45 minutes, and may be the problem itself was hard.

## Sources of Preparation

Geeks for Geeks before interviews, most questions by the same company are often repeated.

## Courses and Certification

DSA, OS and Networks.

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## Sector: IT

Name: Samish Bedi (B3A7)

**Company:** Amazon

**Profile:** Software Development Engineer

## Recruitment Procedure

- Online Test, Technical Interview.
- There was an online test consisting of 20 MCQs. The topics included OOP, Computer Networks, DSA, DBS, OS and few general aptitude questions.
- Then there were 2 coding questions, one on Dynamic Programming and other using dequeues/brute force.
- These are the online test coding questions for Amazon:

1. Given a 2d array with only two elements '#' & '.'. '#' represents cherry and '.' represents nothing. Can you divide the array into 2 halves with equal cherries. You can only make a single cut either horizontally or vertically.

2. <http://www.geeksforgeeks.org/maximum-of-all-subarrays-of-size-k/>

- For other companies DP and backtracking were really important. DFS & BFS are important topics in Graph Theory.
- There were 4 rounds of technical interviews for Amazon.com
- Round 1:

1. <http://www.geeksforgeeks.org/level-order-traversal-in-spiral-form/>

2. You are given an array of numbers of size n and a number say k. From that array, starting from first element, select a number say m, you have to cancel numbers from 1 to infinity which are multiples of number m till you cancel k. You have to tell iteration number in which k was canceled. If k was not canceled in any iteration return -1. Solve this in linear time complexity and space complexity O(n).

3. A question on Kernel Regression (from my project)

- Round 2:

1. A DS design question using following concept:

<http://stackoverflow.com/questions/23176467/c-generate-random-numbers-without-repetition>. The question was to build a music player where all the songs are randomly played without repetition. Once the entire list has been played, start from random song different from the last song.

2. A question on BST. I am not able to recall it exactly. Not there on any source but can be solved in way similar to many BST questions.

3. Discussion on my projects

- Round 3:

1. A question similar to <http://www.geeksforgeeks.org/median-of-two-sorted-arrays/>

2. Questions on basics of AVL trees, DBS (Normalization etc.), Computer Networks.

- Round 4:

1. Discussion on my projects and internships

2. <http://www.geeksforgeeks.org/backtracking-set-2-rat-in-a-maze/> with some modification so as to use Memoization.

- They shortlisted around 45 candidates and selected 5 for the role. They expected optimised solutions and rather than just the solutions they wanted to know your approach. Start from brute force and keep on improving the time/space complexity .

## Sources of Preparation

Interviewbit.com and geeksforgeeks.org for online tests, Coding Interview Questions by Narasimha Karumanchi for interviews were really helpful. Also, practising on hackerrank.com will make you familiar with platform and also types of questions asked in online tests as most of the tests were conducted on hackerrank.com

## Courses and Certification

Data structure and algorithm, Operating Systems, Database Systems, Object Oriented Programming and Computer Networks.

## Other relevant Information

Go through interview experience from geeksforgeeks for the company you are sitting for at least a day before interview

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## Sector: IT

Name: Harshvardhan Gupta (A7)

Company: Amazon

Profile: Software Development Engineer

## Recruitment Procedure

- Online Test, Technical Interview.
- Coding test on Hackerrank + some MCQs related to OS, OOP, Programming
- Round 1-2 was basic coding, since there was no explicit HR round, they always look for interpersonal skills during the interview itself. Try to embrace the 10 (or 12) point Amazon leadership principles if you have time. I was "vocally self critical" of my performance during my summer internship only to later find out that it is one of the leadership principle. Similarly I think a lot of students were sent out in the first round itself not because that could not solve the questions but apparently couldn't fit with the company. Smile often and don't act like a hotshot.
- Practice from geeksforgeeks for interviews, the 3rd and 4th were of good level.

## Sources of Preparation

Geeksforgeeks, Interviewbit, CLRS, MIT OCW.

## Other relevant Information

Practice writing code. No shortcut to this in interviews/ coding round. Once you clear the coding test and make it to interview for Amazon, please go through the Amazon leadership principles at least once and try to demonstrate it.

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### Sector: IT

Name: Devashish Mathur (B4A7)

Company: AppDynamics

**Profile:** Software Development Engineer

## Recruitment Procedure

- Online Test, Technical Interview, HR.
- The pre-interview test included questions on Aptitude and algorithmic coding, small parts of networking theory and operating systems.
- The interview was geared towards algorithms and operating systems in depth.

## Sources of Preparation

Geeksforgeeks and InterviewBit for coding.

## Courses and Certification

DSA, DAA, operating systems and familiarity with OOP.

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### Sector: IT

Name: Pratik S (A7)



**Company:** Arcesium

## **Profile: Member Technical Staff**

### **Recruitment Procedure**

- Online Test, Technical Interview, HR.
- First there was a 90 minutes online round. Around 15 maths/aptitude questions and 15 computer science subjects related questions from a variety of topics like DSA, OS, DBS. Both sections were MCQs had to be completed in 15 minutes each. The aptitude section is pretty challenging since the time required is not at all enough to cover all questions. In the CS section, the questions are pretty standard.
- Then there was a one hour coding section with 2 questions. The coding questions were from strings and DP. They were not very tough, but given the time crunch it wasn't very easy either. Only those students who could solve both were able to clear.
- There were 2 tech interviews with 2 different panels of 2 interviewers each.
- **Interview 1:**

**Q.1.**How do libraries work in C?

**Ans.** I was not sure at the time, but i started telling them about how these libraries are in the precompiled format(I'm talking about the standard libraries). The discussion was pretty expansive and involved some counter questions from the panel, but i think they were convinced in the end.

**Q.2.**Given a BST and a number S, find 2 numbers in the BST whose sum is S.

**Ans.** Pretty standard question, can be looked up on InterviewBit and/or GeeksforGeeks.

**Q.3.**Explain indexing in dbs?

**Ans.**I told them about secondary hashing and B+ trees used to index.

- **Interview 2:**

**Q.1.** I was given a pattern and required to provide a Regular Expression for it.

**Ans.** There were follow up questions on how I had used REs in my project during a previous internship.

**Q.2.** Given a list of train schedules(arrival and departure times), output the number of platforms rewired at a train station to accommodate such a schedule.

**Ans.** Pretty standard question, can be looked up on InterviewBit and/or GeeksforGeeks.

**Q3.** Given a model table(DBS), I was asked to formulate several SQL queries. They got progressively harder. I think they were trying to test my proficiency with joins.

**Q4.** There were few other questions about cache(LRU,LFU,etc) I don't remember exactly.

- **HR:**

**Q.1.** Where do you see yourself in 5 years? Why do you want to join our company? Have you seen our website?

**Ans.** I told him about how, in my summer internship, I had interacted with a senior member of our team who had the job title of software architect, and how this guy would decide which projects would be taken up by the team. I said that eventually I wanted to be in that role. Arcesium's PPT included mentions about Big Data and Cloud Computing. I told him that I wanted to work in these fields so Arcesium was the right choice for me. I had not visited their website and told him the same.

## Sources of Preparation

InterviewBit, GeeksforGeeks, Lecture Slides(OS,DBS)

## Courses and Certification

DSA, DBS, OS

## Other relevant Information

Try to finish InterviewBit:- 9 out of 10 questions in DSA are from there.

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### Sector: IT

Name: Radhika Pasari (B4A7)

**Company:** Aurigo Softwares

**Profile:** Software Engineer

## Recruitment Procedure

- Resume Shortlisting, Online Test, Technical Interview, HR.
- The pre-interview test had questions on Data structure and algorithms- dynamic programming, arrays, string manipulation.
- In the interview maths puzzles and DSA questions were asked.

## Sources of Preparation

InterviewBit, geeksForgeeks.

## Courses and Certification

Data structures and algorithms, Database concepts, Operating systems.

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## Sector: IT

Name: Ram Karnani (B3A7)

**Company:** Center for Development of Telematics (CDOT)

## Profile: Research Engineer

## Recruitment Procedure

- Resume Shortlisting, Technical Interview.
- In the technical the questions on Operating Systems, Computer Networks, Parallel Computing were asked.

## Sources of Preparation

geeksforgeeks, Course Textbooks.

## Courses and Certification

Data Structure and Algorithms, Operating System, Computer Network

**Sector:** IT

Name: Anonymous

**Company:** CGI

**Profile:** Associate Software Engineer

### Recruitment Procedure

- Online Test, Technical Interview, HR.
- The technical test had questions on OOP, OS, Aptitude, Computer Architecture and DSA.
- The interview had a few question on java and puzzles.

### Sources of Preparation

GeeksforGeeks.

### Courses and Certification

Data Structure and Algorithms, Operating System, Object Oriented Programming.

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**Sector:** IT

Name: Bhavaya Gupta (B1A3)

**Company:** Cisco Systems

**Profile:** Software engineer (SSO division)

### Recruitment Procedure

- Online Test, Technical Interview, HR.
- The pre-interview test was objective. It has 50 MCQs to be solved in 60 minutes. The question focused on Aptitude, output of C codes, Data Structures and computer networks. There were no questions where you have to write code.

- In the interview: All questions were standard and already seen by me on geeksforgeeks or some other website. Except One question -

Q.1. Let us say every digit in a 10 digit mobile number is an int. How will you store a 10 digit mobile number in memory lesser than 40 bytes?

Ans: Store 1st odd digit in upper 4 bits of a byte. Store the 1st even digit in lower 4 bits of the same byte. So you store 2 digits in 1 byte. So total memory used is 5 bytes.

- I wrote a code in which I used %2 to convert to binary and then left shift operator and OR operator to combine 2 digits. Finally I explained to interviewer that this technique will work only if the encoding decoding scheme is known.

## Sources of Preparation

geeksforgeeks, Course Textbooks.

## Courses and Certification

For CS/EEE/ENI: Following things should be covered in the order of decreasing importance-

One in C , C++ , Java in depth > DSA > OOP > OS > DBMS

## Other relevant Information

Study briefly about your industry and company and profiles they offer.

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## Sector: IT

Name: Arjun Moolrajani (A3)

Company: D E Shaw

Profile: Member Technical Team

## Recruitment Procedure

- Resume Shortlisting, Online Test, Technical Interview, HR.
- Before the interview I had a Coding, an aptitude and a technical online round. The Coding questions were based on Backtracking and Dynamic Programming. The aptitude

questions were general but time consuming. The technical test had MCQs from Operating Systems, DSA and Networks.

- The interview had two technical rounds. First one was mainly based on data structures and algorithms. And the second one was on object oriented programming and Resume based questions which were related to databases.
- A few questions on arrays and trees. A discussion on advanced data structures (not specific questions but just testing the familiarity). Two standard puzzles which were easy. Big sort. Mirroring a tree. Sorting. Basic concepts of object oriented programming in any language java/c++. Overall very little and not so tough database questions, no networking questions. The main focus was data structures and algorithms.

## Sources of Preparation

Geeksforgeeks, Previous interview posts.

## Courses and Certification

Data structures and algorithms, Object oriented programming

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## Sector: IT

Name: Nilay Jain (A7)

Company: Directi

Profile: Platform Engineer

## Recruitment Procedure

- Online Test, Technical Interview.
- In online rounds questions on binary tree, Dynamic Programming were asked.
- The interview had 2 algorithm rounds in which I was asked Dynamic Programming questions.
- In the final technical round, questions from computer networks, databases, OOP and OS were asked.

## Sources of Preparation

I solved problems on interviewbit for coding and referred geeksforgeeks to look for questions asked in specific companies.

## Courses and Certification

DSA, DBS, OOP, OS, ComNet, DAA

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### Sector: IT

Name: Anonymous

Company: Edgeverve Systems

Profile: Member of Technical Staff

### Recruitment Procedure

- Resume Shortlisting, Online Test, Technical Interview, HR.
- The Coding Test had three problems to be done in 90 minutes. Problem 1 was from an ACM-ICPC regionals. Problem 2 and 3 were relatively easier.

Q.1. Two or more containers of fixed volume are given, and a given volume  $V$  is to be made using these. In the initial condition, the largest container is completely filled with water. Water can only be poured from a container of larger capacity to a container of smaller capacity, such that either the smaller container becomes full, or the larger one become empty. Write a program to give the sequence of containers in which water should be poured, so that the required volume  $V$  is formed in the largest container.

- Technical Interview: Questions were asked from a range of topics including databases, computer networks, stacks, queues etc.
- HR Interview: I was asked my area of interest, and what all current technologies and their applications I was well-versed with in that area.

### Sources of Preparation

geeksforgeeks.com, interviewbit.com, demo interview conducted by PU, course slides

## Courses and Certification

C, C++/Java/any other object oriented language, DSA, DAA, Databases, OS, Computer Networks.

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### Sector: IT

Name: Perolla Vinay Kumar Reddy (A8)

Company: HP Enterprise

Profile: Senior R & D Engineer

### Recruitment Procedure

- Online Test, Technical Interview, HR, Managerial round.
- The online test has 3 sub topics. Aptitude, basic C and data structures & Object oriented Programming, Operating Systems and 1 or 2 questions on Computer Architecture.
- I was interviewed for 2 technical rounds, 1 managerial round and a HR round.
- **Technical Round 1** :(around 80 min)

It started with a Puzzle and then a complex Backtracking question and then a puzzle(refer GFG) and then a DP question(LCS problem) which was tricky.

- **Technical Round 2** : (1hr)

Started with basic Java questions (Inheritance, polymorphism etc..) and then asked me to write a error free code to find the intersection point 2 linked lists(\*\* code should be absolutely error free,Syntax too). This was followed by Data Structures questions mainly related to linked lists and arrays.

- **Managerial Round** : (1hr)

This round completely on Projects and Resume as a whole. The interviewer gave a few situational problems(Technical, related to OS) and then a couple of puzzles, one of them was the 100 bulbs problem (similar puzzle is there in hackerearth, Google it).

- **HR** : (20 min)



This was very casual round he started of with offering me a job so not much after that just a casual Q&A's.

## Sources of Preparation

Coding : Interviewbit.com (This has Topic wise sorted questions) & Geeksforgeeks (Basic C and Java)

Interview : Be thorough with your resume; don't overstate anything in your resume.

## Courses and Certification

OOP , Data Structures ,OS

## Other relevant Information

For any non-CS student preparing for IT placements, be confident about whatever you know. Be thorough with the basics of OOP (java or C++). Also start coding extensively using java or C++.

Interviewbit.com helps for any non-CS student who has just learnt java or C++.

Don't panic if you aren't shortlisted for a particular company. Learn from every test and interview; this helps a lot with your confidence levels, which matter the most in any interview.

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## Sector: IT

Name: Kunal Mehta (M.E Software Systems)

Company: IndiaMart

## Profile: Systems Engineer

## Recruitment Procedure

- 1ST ROUND ONLINE HACKERRANK TEST: The online exam was of 90 minutes that included 60 minutes of Technical + Aptitude and 30 minutes of Programming.
- 2ND ROUND+3RD ROUND :TECHNICAL INTERVIEW+HR
- Questions were based on C/C++

## Sources of Preparation

- Geeksforgeeks

## Other Relevant Information

- C,C++,Little knowledge of servers and testing.
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## Sector: IT

Name: Anonymous

**Company:** Infosys

**Profile:** Specialist Programmer

## Recruitment Procedure

- Online Test, Pen-paper Test, Technical Interview, HR.
- The technical test had one DP question. The question was to find the minimum size of the alphabet required to enumerate all words given the highest word in the language. It required to identify all cases.
- **The Technical interview:** Questions pertaining to feature of OOP, definition of abstract class and virtual method in C++. I was asked to design a parser and a lot of grilling was done on my projects. Other question was list of data structures required in a compiler.
- **HR:** Standard question were asked. Why this company? Why should the company hire you? What makes you suitable for the position/role being offered? Described the company culture (fixed timing in my case). Are you comfortable with that? Do you have any queries regarding compensation? Do you have any queries regarding the learning/knowledge growth opportunities in the company?

## Sources of Preparation

Interviewbit, codeforces, geeksforgeeks

## Courses and Certification

DSA, OOP, OS

## Other relevant Information

During Infosys PPT (only for short listed students) when asked what do you know about Infosys one student answered "Infosys is a mass recruiting company" which is a source of ridicule and memes about the company. Please avoid such comments. Such comments affect not only your chances but also everybody else's chances. For IT, start solving interviewbit, codeforces etc. in May itself. Brush up OS and OOP, two of the most important source of questions after DSA.

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## Sector: IT

Name: Vamsi Tadikonda (A7)

Company: JP Morgan Chase

Profile: Application Developer

## Recruitment Procedure

- Technical Interview, HR.
- I had a formal interaction over Skype before the interview but there were no technical questions.
- The interview had three rounds. The first round had one question on stacks and queues (implementing a stack from 2 queues and vice versa) and one Tree Question. After that they asked questions related to my projects.
- In the Second Round they asked 4-5 Puzzles like the 25 horse puzzle, The Defective bag among the 10 bags . After that they gave a question on printing a matrix in 'Z' form.
- HR Round: It was simple and they asked me about my hobbies and interests, why i want to join their company etc.

## Sources of Preparation

I studied using geeksforgeeks , course slides and interviewbit.

## Courses and Certification

Data Structures & Algorithms, Object Oriented Programming , Database Systems, Operating systems and Computer Networks

## Other relevant Information

Be prepared for the Technical Interview along with the coding round. Being Strong in coding and weak in technical rounds won't help you in getting a job.

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### Sector: IT

Name: Surendra Pal Singh Rathore (A7)

Company: JPMorgan Chase

Profile: Associate Application Developer

## Recruitment Procedure

- One written round mainly consisted of aptitude and quants related questions along with 2 simple coding question (Use of bfs/dfs, related to maze problem)
- Two Technical rounds
  - Resume
  - DSA
  - Design question (data structure related)
  - Puzzle (eggs and floor)
- One HR round
  - Tell me about yourself!
  - Some questions related to PS station
  - Location preference
- I found Interviewers very frank. The questions were related to whatever I had done in my courses and projects. Confidence is the key.
- I gave every approach coming in my mind which was helpful to predict what interviewer want? (in terms of algorithm's complexity and all)

## Sources of Preparation

GeeksforGeeks for Data Structure, InterviewBit (Solving problems in given time increases confidence). Read OS(Virtual Memory, Paging, Multithreading), DBMS(Normalization, Basic SQL) and Computer Networks(Basic Concepts) from books

## Courses and Certification

Data Structure and Algorithm & DAA (Almost 70 to 100% of Interview), Operating System (Multi threading, Paging(Multi level), Virtual Memory), DBMS (SQL, Normalization) and Computer Networks (Concepts related to protocols, packet transmission etc.)

## Other relevant Information

- If you are preparing for IT sector than you need to know (MUST) how to implement basic data structures, how to apply them in problems and what are there time and space complexities (IneterviewBit is good for this.)
- Solve some Aptitude and Quant. related questions once (GeeksforGeeks or any other site)
- Let them know your interests (It may be outside their job requirement). They take them seriously.
- Ask question (Maybe about the role you are applying. NO SILLY QUESTIONS)
- Don't lie because it is very easy to catch. They are EXPERIENCED.
- Spend time on building resume. You may have to alter it according to job requirement.

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## Sector: IT

Name: Soumya Sucharita (A7)

Company: Instart Logic

Profile: Member-Technical Staff

## Recruitment Procedure

- Resume shortlisting, 1 Coding round, 3 Technical Interviews, 1 HR round, 1 Interview with VP
- The first interview was the coding round. We discussed about what could have been done better on the first question I was given, which was followed by another question.
- The second interview was about Operating systems and Computer networking in depth.
- The third round was again coding oriented.
- The HR and VP round was mostly about me asking them questions. They were very approachable and helped me in making the decision to join them.

- My interview experience was great. Since the company has a small team, I got the chance to interact with them freely.

### Sources of Preparation

BITS Pilani course material, Interviewbit website for practicing, geeksforgeeks website, Company website for product information

### Courses and Certification

Data structures and algorithms, Object oriented programming, Operating System, Computer Networks, Design and analysis of algorithms

### Other relevant Information

- Coding in any popular high level language, Operating System, Computer Networks, Information regarding the company
- I had read in depth about the company and its products before the interview. I think it gave me an edge over the other candidates and this stands valid for any company. Also, I had expected a lot of tough coding questions from large companies but they mostly asked basic questions which tested your fundamentals and approach to solving the problem. But for start-ups, you must expect tough coding questions and in-depth knowledge of OS/Comnet/OOP depending on the domain the company works on.

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### Sector: IT

Name: Vivek Rathore (A3)

Company: Samsung Research Institute, Bangalore

Profile: Developer

### Recruitment Procedure

- Online Test, Resume Shortlisting, one round of Technical Interview (1 hour) | No. of rounds differed from person to person), one round of HR interview (10-15 minutes).
- Tell us about yourself
- Talking/asking questions over almost each point written over your resume
- Questions on Algorithms and implementation

## Sources of Preparation

BITS's DSA course's Labsheets, Cormen Textbook

## Courses and Certification

Object Oriented Programming, Data Structures and Algorithms, OOP Concepts, DSA.

## Other relevant Information

- Coding in any popular high level language, Operating System, Computer Networks, Information regarding the company
- I had read in depth about the company and its products before the interview. I think it gave me an edge over the other candidates and this stands valid for any company. Also, I had expected a lot of tough coding questions from large companies but they mostly asked basic questions which tested your fundamentals and approach to solving the problem. But for start-ups, you must expect tough coding questions and in-depth knowledge of OS/Comnet/OOP depending on the domain the company works on.

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## Sector: IT

Name: Harshit Jain (A7)

Company: Directi

Profile: Microsoft

## Recruitment Procedure

- Online Test, Technical Interview.
- In online rounds questions on binary tree, Dynamic Programming were asked.
- The interview had 2 algorithm rounds in which I was asked Dynamic Programming questions.
- In the final technical round, questions from computer networks, databases, OOP and OS were asked.

## Sources of Preparation

I solved problems on interviewbit for coding and referred geeksforgeeks to look for questions asked in specific companies.

## Courses and Certification

DSA, DBS, OOP, OS, ComNet, DAA

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### Sector: IT

Name: Yash Tibrewala (A7)

Company: PayPal

Profile: Software Engineer

## Recruitment Procedure

- Online Test, Technical Interview, HR
- Pre-Interview:
  - One BFS or DFS related graph question and some MCQs.
  - MCQs were on:
    - Operating Systems
    - Object Oriented Programming
    - Computer Networks
- Round 1 (1 hour)
  - **Q1.** Write a recursive program to inverse a stack. Solution Not Provided.
  - **Q2.** C++ questions on virtual destructors, multiple inheritance, switch-case etc. Solution provided.
  - **Q3.** Find the median of an infinite stream of numbers provided online (infinite space provided, efficient solution required).
  - **A3.** Create a min-heap and a max heap. Store the largest half in the minimum heap and the smallest half in the max-heap. Now, think of finding median for different cases and adding new elements for all those cases.
- Round 2 (40 min)



- **Q4.** Given infinite immutable boxes filled with a given number tomatoes, how would you arrange and distribute the boxes to ensure equal distribution among N people? (If you solve the question, you are asked to come up with a data structure for the same)
- **A4.** Arrange boxes in descending order. Give the largest box to the person who currently has the lowest tomatoes. Keep doing this till all tomatoes are distributed. Data structure - min heap. Allocate the largest box to the min-element and heapify.
- Round 3 (30 min)
  - **Q5.** Solve a given Sudoku algorithmically.
  - **A5.** Backtracking.
  - **Q6.** Generate a random Sudoku which needn't have only one solution.
  - **A6.** Fisher-Yates shuffle for choosing the box and then again for choosing the number in the box.

## Sources of Preparation

- InterviewBit ([www.interviewbit.com](http://www.interviewbit.com))
- GeeksForGeeks ([www.geeksforgeeks.org](http://www.geeksforgeeks.org))
- McDowell, Gayle Laakmann. Cracking the Coding Interview: 189 Programming Questions and Solutions.
- Meyers, Scott. Effective Modern C++ : 42 Specific Ways to Improve Your Use of C++11 and C++14.

## Courses and Certification

Data Structures and Algorithms, Operating Systems, Object Oriented Programming

## Other relevant Information

- If you know the answer to any question declare the same to the interviewer. Else, you need to be convincing in your "on the spot" approach to problem.
- Don't waste too much time on a question you are not able to solve. Just move on to the next. If you do well in the next few question, you might have a chance. If you instead waste most of the time on one question, even if you manage to solve it, they might not be impressed enough to take you.

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**Sector:** IT

Name: Saurabh Kumar (B5A7)

**Company:** Oracle**Profile:** App Development**Recruitment Procedure**

- Resume Shortlisting, Online Test, Technical Interview, HR
- The pre-interview test comprised mostly of programming questions. Generally, 2 if it is a 45 minutes test, 3 if it is a 75 minutes or 90 minutes test. Some tests also have a general aptitude section. which has MCQs from DBS, OS, OOP and output for programs. Some basic math questions are also asked in some tests. The specific pattern of test depends on the company. read about interview experiences for that particular company on geeksforgeeks for exact pattern. Coming to coding questions, dynamic programming is must. In every test you will have at least one DP question. sometimes even 2. Graphs are not important for written tests. Apart from DP, questions are asked from strings, recursion, list, heap etc.
- Number of technical interviews depend on the company and sometimes on the individual candidate. In any case you will have at least 2-3 tech. interviews. Questions from DSA are always asked. I was asked question on DP and sorting. They will ask you to write your approach on a paper and some code snippet. Other questions come from OOP, DBS, OS(very less), Networking(very less). Companies also ask some puzzle problems. Puzzle problems are generally the standard ones. you can find them easily on the internet. Once you solve some 10-15 problems you will develop an approach to tackle such problems and that is all that is required. Types of questions asked also depend on that company and the profile. Oracle for example would ask on JAVA and DBS (these are oracle products). Some cloud company may ask more on networking and so on. Again read interview experiences for that particular company on geeksforgeeks to get a general idea.

**Sources of Preparation**

- Geeksforgeeks is a very good resource for DSA questions be it online test or interview. You need to revise concepts of OOP and DBS. websites like tutorialspoint or studytonight

will work just fine. Apart from this you need practice of online coding. People use websites leetcode. You can use some other website also if you like or can just take questions from anywhere and do it in a time bound fashion.

## Courses and Certification

- Important courses: DSA, OOP, DBS, (your area of interest,projects,electives), OS, Computer Networks

## Other relevant Information

- Practice for online coding of DSA questions is must. Even if you hate competitive coding(like I do), you have to practice it, only for the sake of placements. Otherwise it will be very hard to get past online test round for good companies (companies for Day0 and Day1). 2-3 months of disciplined practice is must. I used to hate competitive coding and I still do so didn't emphasize on it during my preparation time. Result: out of 10 companies I applied for in Day0 and Day1 combined I was shortlisted for only 1 (i.e. oracle). That too because Oracle's online test had all MCQ's and no programming questions what so ever. I got lucky and cracked 4 rounds of interview that followed, you may not be that lucky.

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## Sector: IT

Name: Dhawal (A7)

Company: Directi

Profile: Microsoft

## Recruitment Procedure

- I did an intern at MSFT Hyderabad, was selected through PU. Later in the last week of the summer intern, if your Manager and Mentor, based on your performance in the 2 months, feels that you are eligible for a Full-Time Offer, then they recommend you for 2 rounds of PPO interview. Every student, recommended has to go through the two rounds for a Job Offer.
- The PPO interviews consists of questions relating to your Intern Summer Project, and questions related to Programming (Algos, DS).

- Questions asked in Algo/DS Rounds were(as far as I can remember!) :
  - Topological Sort + Its Code on White Board (Advice here : Please prepare White Board Coding, if you face a similar interview. Believe me - You may be coding for years, but its a totally different game coding on the White Board)
  - 2-d DP Problem on finding the maximum area of rectangle consisting of all 1's in a binary 2-d Matrix.
- Regarding Intern Interview Questions, I can't remember, it was 1.5 years back.
- Round 1 :
  - Some Project questions (Be ready to be asked IN and OUT of your Project, if you mentioned that in your resume. Remember that you should cover everything from its Scalability, Future Scope Of Optimization, Efficiency, Alternatives, etc)
- Algo Round :
  - I have already mentioned that. But apart from this Other Interns were asked questions from DP, Strings (Not High-Fi Algos but basic KMP, Palindromes, etc), Trees as Data Structure (Interval, BIT, Segment), Trees as Algos (Traversal, Construction, etc).
- HR Round : My Interview was taken by the Principle Software Engineer (I dont know the exact hierarchy, but people say he is one of the senior people at MSFT)
- Tips : Say Anything you want, but be honest! That's IT.

## Sources of Preparation

Useful Resources :

- SPOJ - I am intentionally not mentioning other sites because they tend to sort the questions with Tags. Natural learning and thinking about a problem gets undervalued if you already know the category of the problem. Please Remember : Its not the number of Programming Problems, you solve, WHAT matters is YOUR thinking time you gave to the question and came up with the solution YOURSELF.
- NPTEL Videos - IIT Delhi DSA by Naveen Garg, EXTRAORDINARY. Just like HC Verma is essential and sufficient to crack JEE Physics, same for this one.
- TopCoder Tutorials - Cant emphasize on its importance!
- Codeforces Virtual Rounds - I gave a lot of them.
- Design and Analysis of Algos - Stanford Lectures, available on DC++
- Other People Code - Try to see codes of High Rated Coders available on Codechef/Codeforces.
- Steven Halim Book and E-Maxx Algo Book - I havent purchased any course book in my entire stay at BITS. BUT I only printed out e-books of Steven Halim and E-Maxx Algo.

## Courses and Certification

I think when you practice regularly on SPOJ and Codeforces (thats IT, please dont refer any other website), you should not worry about placement season, It will come and go, and you would be the first one to BE PLACED, and most probably in a Dream Job.

What matters here is your seriousness to CODE. Dont be afraid to start!!

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### Sector: IT

Name: Leela Manas (A2)

Company: Schneider Electric

Profile: Software Developer

### Recruitment Procedure

- Online Test, Technical Interview, HR
- In technical rounds questions on finding maximum and second maximum element in one traversal, Java questions(Static variables, garbage collector,etc.), sorting an array of 1's,2's and 3's were asked
- Some basic HR questions included - Why do you want to move into IT? (Motivation) and What are your future plans

### Sources of Preparation

- Interviewbit.com - Primary source for all coding preparation
- Read this article : <https://medium.com/placement-prep-tips/an-opinionated-guide-to-preparing-for-coding-interviews-406f5275939e#.1hb17ub48>

## Courses and Certification

DSA, OOP, OS



**Sector:** IT

Name: Himanshu S Dhoni (A7)

**Company:** TESCO**Profile:** Software Developer**Recruitment Procedure**

- Online Test, Technical Interview, HR
- Technical rounds questions on Projects Cloud Computing, OOP, Famous standard puzzles, Debugging, Design patterns were asked
- Some basic HR questions included - Why do you want to move into IT? (Motivation) and What are your future plans

**Sources of Preparation**

- InterviewBit
- Geeks for Geeks
- Cormen
- Go through the slides of courses like DBMS, OOP, Networks

**Courses and Certification**DSA, OOP, DBMS, Database, Networks

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**Sector:** IT

Name: Srujan Reddy Yara (A1)

**Company:** Wipro Technologies**Profile:** Project Engineer**Recruitment Procedure**

- Online Test, Technical Interview, HR
- There were 2 parts in the pre-interview test. 1st part is aptitude, 2nd part is coding round.
- Aptitude consisted of English and basic math problems.
- The coding round required you to submit a running correct solution. My question was to find the transpose of a given matrix. I was allowed to use Java, python or C, C++.
- After clearing the test, there were rounds of technical interviews where the interviewer asked me to write some code for simple problems. The question was based on String processing and basic string operations without using any in-built library.

## Sources of Preparation

- Interviewbit
- GeeksforGeeks
- IIT-D DSA Lectures

## Courses and Certification

OS, OOP, DSA

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## Sector: IT

Name: Harsh Varshney (B3A7)

Company: Works Applications

Profile: R&D Engineer

## Recruitment Procedure

- Online Test, Pen-paper Test, Technical Interview, HR
- I was asked basic basic geeks for geeks questions to solve and make them run on the platform. Also aptitude questions were tricky math problems and hr was very general.

## Sources of Preparation

- Geeksforgeeks
- Interview bit
- Class courses
- Moocs



## Courses and Certification

DSA, OOP, C programming, OS

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### Sector: IT

Name: Kshitij Agarwal (A7)

Company: Samsung, Bangalore

### Profile: Manager- Software Developer

### Recruitment Procedure

- 1 coding round-to solve 1 question in 3 hours
- 3 personal interview
- 2 technical 1HR
- Very chill like they asked very basic stuff.

### Sources of Preparation

Interviewbit is best for 2 month preparation.

### Courses and Certification

Competitive coding, DSA is everything for job

### Other Relevant Information

Coding and confidence

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## Sector: IT

Name: Nekkanti Sandeep (A7)

Company: Bank Of America

## Profile: Manager- Senior Technical Associate

### Recruitment Procedure

- 1 Lab Test (Basic Aptitude and Basic Programming questions. All MCQ's) and Two Technical rounds (asic coding testing and few behavioural questions and banking domain questions) Final HR round where I was told I got the offer.
- Bank Of America interview is most surprising experience I had. I gave 8 interviews before that and all rejected me. BOA interview I had the last of all the people shortlisted and they gave 3 offers already. I thought they are taking my interview for formality. Once my process started all the interviews happened so fast and I got the offer. Don't be nervous in the interview. Be prepared and know about the company/domain. I felt like they wanted me to give the offer and I got the offer. All companies I gave interview for asked me lot of questions. BOA didn't ask much. My CGPA is the highest of all who got shortlisted for BOA.

### Sources of Preparation

- GeeksForGeeks
- JavaTpoint

### Courses and Certification

- Projects will help like SOP and Course Projects are must in Resume. Most questions are based on this.
- DSA and DBS and OOP and C

### Other Relevant Information

Any Programming language and OOP concepts and Data Structures and Algorithms and Database SQL concepts

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## Sector: IT

Name: Abhinav Agarwal (A7)

Company: Citicorp

## Profile: Manager- GIDA Analyst

### Recruitment Procedure

- 1st coding round with three questions of respectable difficulty. 3 personal interviews followed by HR round.
- 1st personal interview: Some puzzles + code the puzzle, discussion on project, what does citi do, why citi, etc.
- 2nd personal interview with GIDA head: no puzzles, project discussion, role discussion, tell me about yourself etc.
- 3rd personal interview: same as above, different interviewer.
- HR round: strengths, weaknesses, leader vs follower, typical HR stuff. not a deciding round but do not give indecisive answers.

### Sources of Preparation

- Interviewbit
- geeksforgeeks

### Courses and Certification

- PS2 project in data analytics
- DSA

### Other Relevant Information

Coding, Personal Skills

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**Sector: IT**

Name: Krishna Pemmasani (B5A1)

Company: FICO

**Profile: SDE****Recruitment Procedure**

- There were 3 rounds, excluding the test (1 HR, 2 tech). Test had multiple sections - Logic, quant and a programming section (mostly MCQs). Manage your time well and you'll clear this. HR is fairly straightforward. Stick to your strengths and be confident. The HR person is almost always nice and puts you at ease, so don't worry too much. I had a single tech round myself. Fairly standard code for a question I don't remember. If you clear the test and have your basics and attitude straight, you will clear all rounds. From my biased PoV, basic language expertise, OOP and a bit of DSA should suffice.
- It was quite professional. Interviewers were pleasant and stated explicitly what was required and what prospect to expect in the future.

**Sources of Preparation**

- Interviewbit
- Geeks4geeks
- Java programming notes

**Courses and Certification**

- OOP, DSA, C/Java

**Other Relevant Information**

Speak in a clear, concise manner. Projects might help but are not pre-requisite.

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## Sector: IT

Name: Shrey Shah (A7)

Company: Google India

## Profile: Trust and Safety Engineer

### Recruitment Procedure

Google India: (Total 6 steps)

1. Selection through APAC Test Round A
2. Google Hangouts interview after getting a good rank in APAC (resume may have played a part)
3. On Site interviews (went to Google Hyderabad ): 2 rounds of pen paper based coding, 1 round of design and then pen paper based coding.
4. One more hangouts interview with a product manager: HR + Tech (high product design + little bit coding)
5. A couple of phone calls from my HR. Normal talk about how I am doing and general update on my application case.
6. Got a call and mail regarding my selection in Google India from my HR about 30-40 days after my last interview.

This was one of the longest and toughest interview process I had appeared for among all the interviews from internship and placement. The process was very well organised and transparent. The HR maintained contact and I was regularly updated about the progress of my application. I was treated very nicely during the onsite interviews as well. The interviewers were very helpful during the interviews. I personally got to learn a lot about the interview process during my application. I was given in detailed presentation about the job profile, compensation, perks, etc. by the HR which I found very useful and unique.

### Sources of Preparation

- GeeksForGeeks
- InterviewBit

### Courses and Certification

- Regular competitive programming practice

- Coding contests
- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Operating Systems
- Object Oriented Programming

## Other Relevant Information

1. Regular practice and remaining in touch with competitive coding.
2. A lot of practice of pen-paper based coding.
3. Peer discussion and motivation.

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## Sector: IT

Name: Shrey Shah (A7)

Company: Oracle India

## Profile: Server Technology Engineer (Oracle India)

## Recruitment Procedure

Oracle India: (Total 4 steps)

1. Had a resume + aptitude + coding round on campus.
2. 3 rounds of on campus tech interviews. Pen and paper based coding.
3. Fourth round of interview with the Oracle Server Lead guy who came to campus for recruitment. He asked about general career plans and a few mind (mostly mathematical) puzzles.
4. I was offered the job about 10 minutes after the last interview.

This interview process was very quick since it was on campus. I was asked a couple of times about my higher study plans to which I said not right now. The interviewers were very helpful and polite. They explained the job profile and why I fit the role after I was selected.

## Sources of Preparation

- GeeksForGeeks
- InterviewBit

## **Courses and Certification**

- Regular competitive programming practice
- Coding contests
- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Operating Systems
- Object Oriented Programming

## **Other Relevant Information**

1. Regular practice and remaining in touch with competitive coding.
  2. A lot of practice of pen-paper based coding.
  3. Peer discussion and motivation.
-

## Consulting and Analytics (C&A)

### **Sector: C&A**

Name: Anonymous

Company: **Affine Analytics**

### **Profile: Business Analyst**

### **Recruitment Procedure**

- Pen-paper Test, Group Discussion, Case study, HR.
- It was a pen-paper based test consisting of MCQ based questions. It had quant, DI & LR, VA type questions similar to CAT.
- The interview started with the usual: Tell me about yourself question followed by a discussion on my minor and the interviewer played a rapid fire with finance questions just to check my confidence and comfort with the concepts. This was followed by a guesstimate, a few puzzles and a few questions on probability. Spent a decent amount of time discussing on a SOP that had work related to population profiling and analysis done on SPSS.

### **Sources of Preparation**

Read Case in Point, general CAT preparation, familiarity with basic probability, common interview puzzles and other case interview prep from Victor Cheng resources.

### **Courses and Certification**

Mathematics. Especially Probability and Statistics

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### **Sector: C&A**



Name: Devansh Mahajan (A2)  
Company: Aurigo Softwares

**Profile: Business Analyst**

### **Recruitment Procedure**

- Online Test, Group Discussion, Technical Interview, HR
- General aptitude.
- Aptitude puzzles; design an app that will help a field engineer as well as his supervisor in keeping track of progress during laying out a road; design an app that will help a maintenance engineer to update daily records;

### **Sources of Preparation**

Practice aptitude for tests; lookup a few puzzles for interviews

### **Courses and Certification**

Aptitude, some concepts of construction planning and management maybe helpful.

### **Other Relevant Information**

Overall the entire process wasn't very tough. Keep calm and confident; brush up spoken English if required.

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### **Sector: C&A**

Name: Saad Naqvi (A4)  
Company: Axis Bank

**Profile: Manager- Business Intelligence Unit**

### **Recruitment Procedure**

- Resume Shortlisting, Online Test, HR

- Test had 4 sections:
  - a. Verbal- based on a short passage, the only type of question was to identify if the given statement can be inferred from the passage or not.
  - b. Data Interpretation
  - c. Quant
  - d. Situation based- Watch a short video and answer the questions that follow.
- Test was easy. However, it is important to maintain speed to finish all questions. Last section was not timed. Going back to previous questions is not allowed.
- Questions:
  - a. Tell us about yourself
  - b. Follow up questions from what you answer
  - c. Puzzle- They care more about the thought process and logic rather than the answer. Have a structured approach to solve the problem and don't guess or make assumptions. Ask for clarifying information if necessary.
- Solving the puzzle/having a logical approach to it is very important for the selection.
- Question asked in my interview -  
<http://www.techinterviewpuzzles.com/2010/04/microsoft-interview-puzzles-aeroplane.html>

## Sources of Preparation

Search for generic puzzles, also study case in point for guesstimates and case based questions which were asked in the previous year (2015)

## Courses and Certification

No subject as such. Interns were asked easy questions from Probability and Statistics. Preparing these subjects could prove useful.

## Other Relevant Information

Most job interviews and not just axis bank are FIT based rather than SKILL based. You need to be able to convince the recruiter why you wish to join that particular organization and not work in some other sector.

To answer this, apart from preparing about that one company, you need to know of other job opportunities specific to your profile and then justify why this job among all the choices you have.

**Sector: C&A**

Name: Abhinav Jain (A2)

Company: CGI Group

**Profile: Business Analyst**

**Recruitment Procedure**

- Online Test, Technical Interview, HR
- IT and Aptitude questions. All sections balanced.
- Questions related to projects and courses mentioned in the resume.

**Sources of Preparation**

Ethnus.

**Courses and Certification**

Core courses, Finance-related courses.

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**Sector: C&A**

Name: Abhijeet Manu (A5)

Company: EXL Services

**Profile: Business Analyst**

**Recruitment Procedure**

- 4 rounds viz. Resume Shortlisting, Test, Interview 1 and Interview 2
- First interview was resume related and about work done in PS 2, then a small case study. Second was more of grilling in nature and a case study and P&C question was asked.

**Sources of Preparation**

Case Interviews Cracked, Case in Point, Quants from random stuffs obtained online, from dc etc.

## Courses and Certification

I do not think any. I was not asked about any POR that I handled or anything related to BITS. They asked me more about the work done in my PS2.

## Other Relevant Information

- Improve Quants for Test, Read guesstimates and case studies, and be prepared with a background story of anything mentioned in the resume.
- Do not give up in interview even if you think you are wrong or you do not know how to attempt the problem, do something, do not go blank, converse with full confidence.

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## Sector: C&A

Name: Mohit Saluja (B4A3)

Company: Futures First

## Profile: Market Analyst

## Recruitment Procedure

- Online Test, HR
- Puzzles and Quantitative Aptitude.
- Concentration test games were played, Puzzles solving skills and hands on experience of Vedic Mathematics were essential to crack the interview. All sorts of typical HR and situational questions were asked. Mental math questions were supposed to be solved within 10 seconds and involved questions ranging from three digit multiplication to cube root of a number correct till 2 decimal place.

## Sources of Preparation

Glassdoor, Ambition box, IndiaBIX, ETHNUS, Quora.

**Sector: C&A**

Name: Arpit Gupta (B3A8)

**Company: Manthan Advisors**

**Profile: Business Analyst****Recruitment Procedure**

- Rounds:
  - a. Resume Shortlisting (approx. 50 people selected) based on internships and relevant work of consulting,
  - b. Group Discussion (12 people selected) Unconventional topics like - "Engineering Grades - Don't ask, Don't tell"
  - c. Personal Interview (3 people selected) - Tell me about yourself, Resume based questions, Guesstimate (Estimate the number of Breakfast sold in Jet Airways in a month)
  - d. Telephonic Interview (2 people finally selected) - Tell me about yourself, Why Consulting, Why Manthan, Case Study (Scenario of 15-20 years back, Nokia wants to launch first ever mobile phone worldwide, Whom should the company target and what should be the pricing model in different countries)
- 1st interview had a guesstimate (approach to the problem is the key focus of the interviewer, not the final number). Telephonic interview had a case study which was oriented towards market entry and pricing. You may expect sudden variation in the old data provided to you during the guesstimate (this is done by the interviewer to break the monotonous approach taken by candidates learnt previously in consulting books and force the candidate to think extempore).
- Resume points should be well prepared, as in-depth questions may be asked. Knowledge of MS Excel & MS PowerPoint is appreciated.

**Sources of Preparation**

Case in Point (book), Case Interviews cracked (book), Victor Cheng online lectures, Aptitude books (CAT quantitative aptitude books)

## **Courses and Certification**

- Digital Marketing certifications, Short Film Making, Marketing research project (Modelling and Market Sizing)
- Marketing Research, New Venture Creation, MacroEconomics, MicroEconomics

## **Other Relevant Information**

Good preparation of case studies and group discussions, Basic facts and statistics on fingertips for guesstimates, Good communication skills, Good presence of mind, Diversified resume for consulting firms.

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## **Sector: C&A**

Name: Abhishek (A1)

Company: **Mu Sigma**

## **Profile: Trainee Decision Scientist**

## **Recruitment Procedure**

- Online Test, Group Discussion, HR
- For aptitude: Time-distance, Time work, cubes; Pattern based questions; Personality test (Simple situational questions)
- HR:
  - a. Walk us through your resume
  - b. Why should we hire you?
  - c. Why do you want to join Mu Sigma?
  - d. Describe your projects
  - e. Strengths, weakness

## **Sources of Preparation**

For aptitude I recommend T.I.M.E package. Ethnus oliveboard portal was also helpful. For interviews I went through the reviews of candidates on glassdoor.

## Courses and Certification

- Puzzles, aptitude and mental maths are quite important. These topics should be prepared well in advance as most of the companies shortlist students on basis of it. Moreover, for GD I myself found the mock Group discussion conducted by PU very useful.

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## Sector: C&A

Name: Vivek Bansal (A2)

Company: Mu Sigma

## Profile: Decision Scientist

## Recruitment Procedure

- Online Test, Technical Interview, HR, Video Synthesis
- The Aptitude test was very standard. They asked questions from all 4 basic sections- Quant, verbal, DI and LR.
- I had only one round of interview. The interviewer was friendly. I was asked one easy case questions which was more of a guesstimate. The key to get through is confidence and interest in this field. One needs to convince and impress the interviewer that he/she is really interested in working in analytics sector. Good practice of guesstimates in Indian scenarios and basic idea of handling case questions should be enough.

## Sources of Preparation

I practised guesstimates from Case in point and online sources. For case study practice I found Victor Cheng video series quite helpful.

## Courses and Certification

- I didn't find one particular course important for this interview. If you have a project which reflects your interest in the course then the interviewer can drill you over it.

## Other Relevant Information

Mu Sigma has a video round. Here you need to synthesize a 15 min video. Don't simply make notes as they don't ask you to summarize it. What they are looking for is your interpretation of the video.

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### Sector: C&A

Name: Yashvardhan Chamoli (B5A2)

Company: Novartis Healthcare Pvt. Ltd.

### Profile: Associate Analyst

### Recruitment Procedure

- The first round was an online test that was conducted in IPC. Most of the people sailed through the test. The next round was a group discussion round, where my group was allotted the topic "Should smoking be completely banned in India?" After passing the GD round, we advanced to the case study round, where we were supposed to solve a case study in around 30 minutes on a paper. After the case study, we had the case interview on the same case. Subsequently, we had two HR rounds. Post the HR rounds, the selected candidates were given the letter of intent along with some Novartis goodies.
- The case interview was centered on the approach one takes to solve the case. They are not looking for a definitive answer, but the thought process and the dimensions that one considers.
- They asked two puzzles which were easy and did not require too much effort.
- The HR round 1 was a personal interaction, with the questions ranging from my hobbies and if I had any problems with living in Hyderabad.
- The HR round 2 was focused on giving an insight on the drug life cycle and asking suggestions to maximize profit of the company.

### Sources of Preparation

Ethnus Oliveboard; Case Interviews Cracked; Case in Point

### Courses and Certification



- Short film making, HPC Coordinator, PS-2 Project

## Other Relevant Information

Practice and solve case studies, aptitude(quant and LR)

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## Sector: C&A

Name: Pramod Kumar (A3)

Company: Price Waterhouse Coopers

## Profile: IT Risk Assurance

## Recruitment Procedure

- Three rounds:
  - a. Round 1: Written Test: Aptitude(Same as for CAT prep). Designed to make sure no one can complete it. Speed is the key (no negatives)
  - b. Round 2: Personal Interview: 30-40 people got through
  - c. Round 3: Telephonic Interview with partner
- Round 2: Completely based on resume. They will ask every small detail from top to bottom (including electives, skills, projects, internships, etc). Make sure you can talk about every small thing in your resume
- Round 3: Started off the same as previous round (based on resume) and then went off into a tangent about general topics and conversation. Keep calm and answer clearly and confidently. He just wants to know if you can have a proper conversation.

## Sources of Preparation

- CAT prep material. DO NOT take written test lightly as this is the most competitive round. Start practice early, during PS to get back in touch with aptitude
- For analytics companies, knowledge of R, SQL, python will be helpful. For management consulting, use case in point, Victor Cheng and case interviews cracked
- For both C&A, know your resume inside out, prepare for commonly asked questions and read common interview puzzles

## Courses and Certification

- Internship on data analysis on remedy tickets from SAP-ERP helped alot
- Have something in your resume (Projects/PORs) to make references and keep the conversation going
- Actually nothing, but some CS courses about product life cycle may help

## **Other Relevant Information**

- Projects on data analytics and basic knowledge on product life cycle. Exposure to SAP products will be a plus point
- For every company,
  - Research about the companies horizontals, verticals and job profiles they have come for.
  - Have a story about yourself (with references to resume) which leads to why you will be good for this role. This will help you come up with answers quickly to questions they ask.
  - Read news, McKinsey reports, economic times, etc for companies with a GD round.

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## Sector: C&A

Name: Ashish Anand (A8)

Company: TCG Digital

## Profile: Consultant

## Recruitment Procedure

- Four rounds: 1st was written test, 2nd and 3rd tech interview and 4th HR interview.
- It was good. They selected me after 1st tech interview only. It was 2 hrs long interview and they asked about a lot of topics. They expect you to be jack of all trades and master of a few.

## Sources of Preparation

- Geeks For Geeks puzzles, Interview Bit, A lot of mathematical puzzles from various sources, Newspaper for Current Affairs, Placement Training

## Courses and Certification

- 1st prize in apogee project helped.
- Mathematics I, II, III; Probability and Statistics; Data Structures and Algorithms, Discrete Mathematics/Discrete Computing; Current affairs; Effective Public Speaking, Creative Thinking, Print Audio & Visual Advert; Professional Ethics

## Other Relevant Information

- Mathematics (Probability, Permutations and Combinations, Statistics, Linear Equations), Should be able to write logic for a problem(pseudo code) if not proficient in any coding language. Should be updated about current affairs and buzzwords in industry. Good communication skills are a plus.

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## Sector: C&A

Name: Deeksha Sinha (A4)

Company: ZS Associates

## Profile: Business Operations Associate

### Recruitment Procedure

- There were a total of 5 rounds:
  - a. Aptitude Test - Online test covering Quant, Data Interpretation, Verbal Ability, Logical Reasoning, etc. Questions similar to what you might see in CAT or other competitive exams.
  - b. Case Study - A case was given to us, with three questions. Half an hour to write out solutions. Very straightforward and numbers-based. You need to be quick with your calculations.
  - c. Case Interview - An interview discussing the results of the written case round. If you hadn't finished the case, they gave you an extra 5-7 minutes to discuss and solve it in front of them.
  - d. Behavioral Interview - Pretty standard HR Interview.
  - e. Principal Round - Final round with a manager at ZS. To see if you're a good fit for the company. Similar to the HR round, but more specific to the company.
- Case Interview - I took an extra 5 minutes to finish solving the case given to us. It was more like a word problem, fairly simple. Calculations were a bit lengthy. The discussion was very conversational, with the interviewer giving me inputs and discussing my results with me.
- Behavioral Interview - The first question was a standard "Tell me about yourself," after which I was given situations based on my profile and asked how I would react. There were also a few guesstimates. One was, "Can you estimate the number of masala dosas made in Bangalore in a day?" The point of a guesstimate is to see your thought process. How well you can segment the population, and your logic in arriving at a solution. The answer itself isn't very important.
- Principal Round - Some of the questions I was asked were "Why do you want to work in operations?", "Why ZS?", "What are your long term and short term career goals?", "What kind of work do you think you'll be doing?" I was also given another guesstimate. "Estimate the percentage of surface area of Bangalore covered by roads."

### Sources of Preparation

- Aptitude - There are plenty of test prep books and websites you'll find to practice aptitude. If you're preparing for CAT, then TIME or IMS material would be sufficient. Otherwise try cracku.in, geeksforgeeks and InterviewBit.
- Guesstimates and Case Studies - There are plenty of consulting prep books you will find online and on DC. Case Interviews Cracked, Ace Your Case, Case In Point, Vault Case Guide are a few I can think of. You don't need to read all of them, they're just a good source to practice cases from. You'll find plenty of resources online as well. Just google 'guesstimate practice'. It's also a good idea to practice some standard interview logic puzzles. Again, just google it, you'll find a list of good ones with their solutions.
- HR - Google 'HR Interview Questions' and prepare answers for the common ones. Indiabix has an exhaustive list of questions.

## **Courses and Certification**

- PORs, projects and other activities are likely to give you talking points during your HR interview. They won't help your chances unless you play them to your advantage. Make sure you know your resume inside out. It doesn't bode well if you aren't able to answer a simple question about a point written on your resume. Tailor your resume to each company you apply for.
- I can't think of any courses that necessarily helped. It might be a good idea to complete a few finance courses, just to expand your profile.

## **Other Relevant Information**

- Aptitude. You need to be quick and accurate with your calculations. It's important for both the online test and the written case. The rest of the process will go fine if you're confident with your answers and seem prepared. Practice a few guesstimates every day for 1-2 weeks before placements begin, so that you get the hang of it.
- Aptitude is of the utmost importance. I can't stress this enough. You need to meet the cutoffs for each section, and the overall cutoff. Practice for at least an hour every day, a month before placements, and you should be fine. Don't take it for granted. It's easy, but it's the first round of elimination.

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### **Sector: C&A**

Name: Naresh Tatarwal (A2)

Company: **ZS Associates**

Profile: **Business Decision Analyst Associate**

## Recruitment Procedure

- Online aptitude Test --> Case study --> HR along with guesstimates and puzzles --> HR with principle round.
  - a. Online aptitude Test. It was similar to CAT. It important to prepare for this round as you will be competing with many students who have given CAT. You don't want to lose out in this round. Moreover we are a bit out of touch with aptitude.
  - b. Case Study : A written case study with 3 questions(each had 2 or 3 sub-parts). We were given 30 minutes to solve it and after that we had to explain our rationale behind the answers to the interviewee. The case study is majorly based on quant, data interpretation, logical reasoning. Mine was based on marketing and targeting customer segments. Case interview cracked, victor cheng videos and Case in point are enough for this round.
  - c. HR round along with guesstimates and puzzles. Keep some important values handy like GDP, Age distribution, income distribution, population etc. For puzzles you can read some of them online and practice a few beforehand. Be prepared to answer why ZS and why consulting. Go through company website and listen carefully during PPT. It would be good, if you can include their points in your answers in HR round as this shows you are serious about working with them
  - d. HR round with principle: It involves scenario based questions. Try to include real life examples. Relate them to your PORs. This shows credibility of your PORs.
- The interview process with be gruelling as there is a lot of idle time between two rounds. This will stress you out.

## Sources of Preparation

- Case interview cracked, case in point, victor cheng videos, ambition box(website)

## Other Relevant Information

- Always back you answer with logical arguments and numbers.
- Be yourself as they are experienced in interviewing candidates. They can see through your lies.

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### Sector: C&A

Name: Anish Bansal (A8)

Company: Futures First

Profile: Market Analyst

## Recruitment Procedure

- 1 Online Test + 2 Rounds of Interview
- Each of the two interviews was around 45-50 mins long. Pretty exhausting, I would say. But purely focused on evaluating raw skill than the prerequisites of the profile they were offering. Questions were situational, therefore, very interesting. A lot of brainstorming, but interesting throughout.

## Sources of Preparation

- Their official Website has a game, which helped me understand their perspective of what is right and what is wrong. Stress Interviews and Multi-tasking Situations.

## Courses and Certification

- Some sports team or club will definitely help because they can actually believe more in the skills that you'll mention on paper if you have some historical evidence(in this case an incident or a situation faced) to back it up.

## Other Relevant Information

- Analysis of Situation, Clarity in justifying your decisions, Confidence, Uprightness, Multi-tasking capability, Speed. (Knowledge of Poker is a definite bonus)
- Score as high as you can in the test. They call you in for the interviews in the decreasing order of your scores and they shortlist a myriad of students. Luckily, I had the highest marks. So by the time I was done with the entire process, only 7-8 of the 33 shortlists were done with their first rounds. Everyone knows that it's obviously better if you score well in the test but I never knew it could make such a difference.

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## Sector: C&A

Name: Nandan Luthra (B5A1)

Company: Novartis Healthcare Pvt Ltd

Profile: Associate Analyst

## Recruitment Procedure

- There were 5 rounds, Test, GD, Written Case Study followed by 3 interviews, 2 of them were HR. The test was easy. GD was moderated well, so everyone got a chance to put forward their views. This was followed by a written case study round where we were given a one page case study. The case study was fairly simple. 45 minutes were given to complete the case study which were more than what was required.
- The case study was followed by an interview based on the Case Study and Resume. The next 2 rounds were HR Interviews and most of the guys who made it that far were selected.

## **Sources of Preparation**

- India Bix for test, Case Interview Cracked, Case in Point for Case Studies

## **Courses and Certification**

- PS-2 experience

## **Other Relevant Information**

- Good Communication Skills, Prepare well on Ethical questions since Novartis focuses a lot on ethics.
-



## Mechanical and Manufacturing

### **Sector: Mechanical / Manufacturing**

Name: Sandesh Dube (A4)

Company: Bajaj Automotive

### **Profile: Graduate Engineer Trainee**

### **Recruitment Procedure**

- It included Resume Shortlisting, Online Test, Technical Interview, HR
- The Pre Interview Test consisted of four sections, namely, quantitative aptitude, reasoning aptitude, grammar and mechanical engineering questions. The weightage was 16% for the first three and 50% for the last section. The first three sections were relatively easy except the grammar, which may require more practice. The last section covered questions from solid mechanics, applied thermodynamics, IC engines, production techniques and machine design with the first two topics covering 60% of the questions.

### **Sources of Preparation**

- Basic revision of the concepts and formulas from Mechanics of Solids , Applied thermodynamics, IC engines and MDD is enough for clearing the test. For interview, thorough knowledge of the projects is a must.

### **Courses and Certification**

- Apart from CDCs like Mechanics of Solids, Applied Thermodynamics, electives like Quality Control & Assurance, Power Plant Engineering, Refrigeration & Air Conditioning is an added advantage.
- The company website also provides fruitful information.

### **Other Relevant Information**

- Have a word with the seniors before sitting for interviews.

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## Sector: Mechanical / Manufacturing

Name: Siddhant Agarwal (A4)

Company: Johnson Controls

## Profile: Graduate Engineer Trainee

### Recruitment Procedure

- It included Resume Shortlisting, Online test, Technical Interview, HR round.
- The major questions focused during the interview were based on Refrigeration and Air conditioning. In technical interview, I was asked about dew point and saturation temperature. Also, the uses of psychometric chart. I was asked a puzzle to say the angle between hour hand and minute hand when the time is 3:35. Most of the questions were from indiabix.com

### Sources of Preparation

- To prepare for the questions [www.indiabix.com](http://www.indiabix.com) , GATE mechanical engineering handbook by MADE Easy is a must.

### Courses and Certification

- Majority of questions were from Refrigeration and Air-conditioning. Also, you must be prepared with Aptitude not only for the test, but for the interview as well.

### Other Relevant Information

- Have a word with the seniors before sitting for interviews.

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## Sector: Core-Mechanical

Name: Shilpi Agrawal (AB)

Company: Bosch, Bangalore

## Profile: Technical Management Trainee (TMT)

### Recruitment Procedure

- I attended an event for women in Mechanical and Manufacturing Engineering organised at Bosch Bangalore in mid May- Travel, stay and food sponsored by Bosch. PU sent the mail regarding this in April end. There was an opportunity of PPO in this event. The first day of the event was to familiarize participants with the Bosch Bangalore plant and the second day was technical fun games and activities. There was also interview scheduled for the participants one to one. So, on the basis of this interview itself which went around 20-25 min for each participant, they announced PPOs in the evening.
- The interview was pretty general. They asked questions like "why Bosch, where do you see yourself after 5 years". Apart from this, they scanned my CV properly and asked questions related to each and every point on the CV- even Kathak. My advice to the juniors is to be very very clear about everything they write in their CV. Then they asked about the courses I like and questions related to those. Applied Thermodynamics and other elementary 2nd year courses were a major focus. General questions like why is Bicycle spoke so thin were also asked.

### Sources of Preparation

- To prepare for the questions [www.indiabix.com](http://www.indiabix.com) , GATE mechanical engineering handbook by MADE Easy is a must.

### Courses and Certification

- You should be well prepared in Applied Thermodynamics, Automotive vehicles, Machine Design & Drawing, Fluid Mechanics majorly.

### Other Relevant Information

- Have a word with the seniors before sitting for interviews.

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### Sector: Automobile

Name: Gautam Matlani (M.E Manufacturing Systems)

Company: Hyundai Motors

Profile: Assistant Manager-Hyundai Motors India

## Recruitment Procedure

- Resume Shortlisting, Written Test, Group Discussion, Introduce Yourself in 3 slides presentation round, HR Round-1, Technical Interview, Stress Interview
- Written Test Co Cubes Reasoning Quantitative Verbal Technical Long quiz less time
- HR Round- 1. What do you know about Hyundai Motors? 2. Which is your dream company? What are the five values of Hyundai? All other HR questions were related to the ppt shown earlier. 4. Why should we take you?
- Technical Round - What is MTTF ? What is the difference between takt time and cycle time? What is 3C?4. What do you mean by Muda? What is Six Sigma Methodology? What are Control Charts? What are Pareto Charts Draw a labelled diagram to explain? What is the difference between productivity and efficiency? What is 5S Give examples? What is the use of Lean Manufacturing principles in automobile industry? What is FMEA? What is the DMAC approach? What is DFEE approach? What is capability index? What are the types of layout ? What is Flexible Manufacturing Systems? What is a work cell? What is the difference between Top Dead Centre and IDC?

## Sources of Preparation

- Basic of every M.E course relevant to Job Description they will post .Only ask from the domain you are from to check technical proficiency.

## Other Relevant Information

- Mechanical, Manufacturing Systems, Chemical and Electrical Engg B.E or M.E . Note- HMIL is not for Design Profile Hyundai R&D is a separate entity for M.E Design.

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## Sector: Mechanical / Manufacturing

Name: Shubham Horane (A4)

Company: Maruti Suzuki India Ltd.

## Profile: Graduate Engineer Trainee (GET)

## Recruitment Procedure

- The selection process consisted of three stages:
  - a. Round 1: aptitude + technical + hr test.
  - b. Round 2: Presentation round at Maruti Suzuki plant in Gurgaon.
  - c. Round 3: Personal Interview round at the plant in Gurgaon.

- The Core Mechanical test had maximum emphasis on production engineering and material science. Other questions were from kinematics and dynamics of machine, machine design & drawing, thermodynamics and ic engines.
- In-depth questions about undertaken projects and internships were asked to check understanding and technical know-how. From the mechanical CDCs, a few conceptual questions were asked.
- Basic guesstimates like percentage of people owning a car in India, in Japan.
- Other commonly asked HR questions were there in the HR Round.

## Sources of Preparation

- You must have a clear understanding of the undertaken projects. Basic knowledge of the courses taught in college is a must.
- Test round: prepared tech through the "Made Easy" GATE preparation book.

## Courses and Certification

- You should be well prepared in all the CDCs as all the aspects were covered in the interview.
- Paper presentation at "Bosch Inscribe"
- PS1 at Mahle Engine Components Pvt. Ltd.
- Powertrain Head at Inspired Karters Formula Student.
- All CDCs are good enough. Taking up courses like Automotive Vehicles will help.

## Other Relevant Information

- Good presentation and interview skills. Knowing the basics about the different components of a vehicle and how a car is manufactured in the industry.

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## Sector: Core-Mechanical

Name: Siddhant Pundir (A4)

Company: Nestle

## Profile: Technical Management Trainee (TMT)

## Recruitment Procedure

The selection process consisted of three stages:

- Resume Shortlisting-Almost everyone made it to the next round

- Group Discussion-The groups were divided randomly,with each group comprising of around 7-8 applicants.Topics given were from current affairs like your stand on India's performance at Rio olympics,etc.
- Personal Interview- Core Interview and HR Interview.
- Core interview at Nestle was all about to test your knowledge of two very important mechanical topics i.e. Power Plant engineering and refrigeration and air conditioning.These two topics are the ones to be stressed upon especially for Nestle interview.The questions will be very basic for example types of boilers, and describe one tonne of refrigeration,etc but will require frequent revision of the topic.

## Sources of Preparation

- Lecture notes come in handy for preparation..

## Courses and Certification

- I would personally recommend all mech juniors to opt for Power Plant engineering as it is a very important course not only from Nestle's point of view but for other companies as well.Attending lectures of srinivasan sir would be sufficient to crack the interview or any other Power Plant related question in any examination.
- For HR interview try acquire decent knowledge about the company and be very thorough with your resume.Some core questions might be asked in HR round as well so be prepared and stay confident.
- Power plant engineering,Refrigeration and air conditioning,Quality control(QCAR) are the courses you should opt for.

## Other Relevant Information

- Good CGPA
- Do pick your electives carefully as even a single elective on your resume might give you an edge over others.Before sitting for any company do your homework and TALK TO YOUR SENIORS previously placed in those companies. Some elective courses-Power Plant Engineering, Refrigeration and Air conditioning.
- Attend Srinivasan sir's lectures.

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## Sector: Mechanical / Manufacturing

Name: Ayush Gupta (AB)

**Company: TATA Motors Limited**

**Profile: Graduate Engineer Trainee**

### **Recruitment Procedure**

The selection process consisted of three stages:

- Online Test, Technical Interview
- Questions on heat transfer, machine design, thermodynamics, fluid mechanics, mechanics of solids.
- I was asked the following questions in my interview:
  - a. Tell me about yourself.
  - b. Tell about internship, challenges faced, requirement.
  - c. Cold forming, turbocharger, airbag system, Bharat Stage standard, MIG welding.
  - d. Define aggression, passion and do you have these qualities?
  - e. Strengths.
  - f. About hockey (was my hobby) and Maj. Dhyanchand.

### **Sources of Preparation**

- Gate preparation helped.
- Indiabix

### **Courses and Certification**

- IC engines, Prod-T
- 

**Sector: Mechanical / Manufacturing**

Name: Harshit Mathur (B1A4)

**Company: OTIS**

**Profile: Graduate Engineer Trainee**

### **Recruitment Procedure**

- The recruitment procedure consisted of three rounds.

- First round is a 15 minutes test comprising of 30 questions of which the first 15 are basic aptitude and the rest are a mix of core mechanical and electrical. The questions were very basic although mechanical questions mostly memory based. In addition to this, there was one PPT based question.
- Next round was a group discussion round on a situation given based on ethical dilemma.
- Third round was a personal interview.
- The majority of the interview questions were easy. They are basically trying to judge whether you are interested in core sector or not, and will stay with the company for long term. Core PS2/PS1 and projects will be helpful in backing up your answers. Some questions were also about the vertical you are interested to work in among the three offered- sales and marketing, installation and service.

### **Sources of Preparation**

- CAT material to prepare for aptitude round.
- Clock Tower Restoration Team
- PS2 in core mechanical.

### **Courses and Certification**

- Supply Chain Management, CDCs

### **Other Relevant Information**

- Ability to present ideas in a GD makes a massive difference. It is advisable to practice mock GD rounds.
- Confidence is critical during the interview.
- Practice aptitude as much as you can. The more aptitude rounds you clear, the more opportunities to get placed.

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### **Sector: Core-mechanical**

Name: Kushagra Vijayvargiya (B3A4)

Company: OTIS

### **Profile: Graduate Engineer Trainee**

### **Recruitment Procedure**



- The recruitment procedure consisted of three rounds.
  - Round 1 - Pen paper test, mix of aptitude and mechanical engineering knowledge.
  - Round 2 - A group discussion usually based on business ethics.
  - Round 3 - PI, general questions about your family, future plans etc.
- It was a short interview which consists of questions about your family, future plans and any location preference, and how thorough you are with your PS, that is if there is a core PS be it PS-1 or PS-2, they will ask you a lot about it to know how informed you are.

## Sources of Preparation

- Lecture slides were very important in addition to general course content.

## Courses and Certification

- PS-1 and PS-2 are important.
  - Course projects can help a lot.
- 

## Sector: Core - Mechanical (HVAC)

Name: Arun Sreyas (A4)

Company: Johnson Controls India

Profile: Graduate Engineer Trainee

## Recruitment Procedure

- The recruitment procedure consisted of four rounds.
  - Resume Shortlisting
  - Online Test
  - Technical Interview
  - HR
- The first round is actually a combination of online test and resume shortlisting. The online test is based completely on Refrigeration and AC.
- Technical Interview: The interviewer wanted to test my mechanical knowledge, especially that of Refrigeration and Air Conditioning. He proceeded to ask questions on Air Conditioning, primarily based on psychrometric charts. Upon telling him that Air Conditioning wasn't my area of expertise, he moved on to questions based on Fluid Dynamics and CFD, since these subjects were the ones on which I did some of my projects.
- HR Round: It was an 8-on-1 interview round. I guess they were seeing how I would handle pressure since the HR questions were very generic and easy. Some questions were based on my low CG, but I was prepared in advance for the same and they were convinced with my reasons. Although some technical questions based on the projects/tech clubs (which I had included in my resume) were asked.

## Sources of Preparation

- A Handbook for Mechanical Engineering is good for the interview rounds.
- For the online test however, one would need GATE level preparation on Refrigeration and AC.

## Courses and Certification

- Refrigeration and Air Conditioning. I, however didn't take up that course but had an ongoing thesis in Refrigeration (broadly HVAC).

## Other Relevant Information

- A SOP/DOP in Refcon or HVAC will definitely help.
  - Although the online test was on Refrigeration and AC, this isn't a sole elimination round. Since I didn't have such good knowledge in Refcon overall, I was sure that there were others who had done better than me. However they had short-listed me based on my resume. Hence building a good resume definitely helps.
-

**Sector: Chemical Engineering**

Name: Silabrata Pahari (A1)

Company: Dr Reddy's Lab

**Profile: CTO**

**Recruitment Procedure**

- The recruitment procedure consisted of four rounds.
  - Online Test
  - Group Discussion
  - Technical Interview
  - HR
- The test primarily had basic quant and basic chemical engineering questions
- The technical interview was mainly focussed on chemical engineering basics. I was asked thoroughly about my internships

**Sources of Preparation**

- For quant, basic CAT material should suffice. Technical chemical textbooks will help with questions for core.
- For the online test however, one would need GATE level preparation on Refrigeration and AC.

**Courses and Certification**

- Fluid mechanics, Chemical Engineering Thermodynamics(solution part), Heat Transfer, KRD

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## Sector: Chemical Engineering

Name: Nidhi Aggarwal (A1)

Company: Vedanta

## Profile: Graduate Engineer Trainee

### Recruitment Procedure

- The recruitment procedure consisted of four rounds.
  - Pen-paper Test
  - Group Discussion
  - Technical Interview
  - HR
- Vedanta is a core company. So, they recruited people who were found dedicated towards their core subjects. Interview round was core cum HR. They asked about the inorganic chemistry of class 11th and 12th followed by detailed description of the higher degree course in addition to significance of other discipline elective in the future job.
- In HR, they asked about family background, schooling, practice school system of BITS.
- Apti questions were on work- time, speed- time, HCF, number Q's, passage on quantitative analysis.
- Be thorough with details of all the projects on resume and description of all the POR's of clubs/departments, any Audit type course which you have taken.

### Sources of Preparation

- Higher degree elective notes, discipline elective, keeping up-to-date with the current topics- bullseye website (for the prep of CAT) can be assessed by any student.

### Courses and Certification

- Heat Transfer, Separation Process, Process Design Principle-1, Petroleum Product Characterization

### Other Relevant Information

- Sound technical knowledge and confidence - the only 2 things that are required for any core job.

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## Sector: Chemical Engineering

Name: Sudarshan Vijay (A1)

Company: Johnson Matthey

## Profile: Graduate Engineer Trainee

### Recruitment Procedure

- The recruitment procedure consisted of two rounds.
  - Written test which had four parts - aptitude, english, analysis and core chemical (No sectional cut-offs)
  - Interview
- Interviews were primarily based on my resume. I was asked about my thesis and the projects I had done. I had correlated what I had done to what JM does, which I believe was helpful. Lots of questions about why I would choose this over an MS/PhD.
- They asked a few basic chemical engineering questions based on my resume such as :
  - How does an extractor column work?
  - Some simple questions based on CFD
- The panel consisted of three members, two were BITSian. Knew a lot about Chemical Engineering at BITS Pilani.

### Sources of Preparation

- Nptel videos (Fluid Dynamics, Heat Transfer and Mass Transfer)
- BITS Pilani course slides (Especially second year and some electives)
- Perry's Chemical Engineers' Handbook - Look through basic formulae

### Courses and Certification

- Thesis (or PS) - Especially any outcomes that came out of it
- Take electives that people don't usually take.
- Second year CDCs are critical.
- Certain electives like PRPC, EPC, etc which pertain to the work of JM.

### Other Relevant Information

- Complete clarity of your resume points
- Try to establish a connect between what you have done (projects, thesis, etc) to the area that JM works on

- Communication - speak clearly about the work you have done before
  - BITSians would usually be on the panel, so do not emphasise points on your resume that they know aren't as big as they seem.
-

## Civil Engineering

### **Sector: Civil Engineering**

Name: Abhishek Sharma (B2A2)

Company: Indian Technocrat Limited (ITL), New Delhi

### **Profile: Assistant Highway Engineer**

### **Recruitment Procedure**

- The recruitment procedure consisted of two rounds.
  - Resume Shortlisting (Based on CG cutoff only-7.5)
  - Skype Interview (Technical, 30 minutes)
- Main focus on PS-II Project and basic questions of Highway Engineering

### **Sources of Preparation**

- Basics of CDC's is more than enough
- Main factor is PS II/Internship projects and CGPA
- PS-II in CRRI, New Delhi was the major factor for the placement since the job profile was of Assistant Highway Engineer

### **Courses and Certification**

- Highway Engineering and Soil Mechanics are important courses.

### **Other Relevant Information**

- CGPA and Internship/Project related to Roads/Bridges/Highways

## **Sector: Structure Designing**

Name: Devesh Rajpal (M.E. - Civil (Structural Engineering))

Company: JW Consultants

## **Profile: Design Engineer**

### **Recruitment Procedure**

- Off-campus placement opportunity
- Written Test (Subjective Questions) and Software Test (ETABS)
- Regarding projects mentioned in your resume, software based questions, questions based on latest earthquake and wind code,

### **Sources of Preparation**

- Codes, Internet, Subject based books

### **Other Relevant Information**

- Software skills because one cannot enter interview round if software round is not cleared.
- 

## **Sector: Civil Engineering**

Name: Parth Sureka (A2)

Company: L & W Construction

## **Profile: Management Trainee**

### **Recruitment Procedure**

- The recruitment procedure consisted of four rounds.



- Resume Shortlisting
- Interview
- Test
- HR Interview in Bangalore.
- The test consisted of basic civil and aptitude questions.
- Pretty basic questions, just to check your communication skills and confidence level.

## Sources of Preparation

- Revising the civil basics is the key for core jobs

## Courses and Certification

- PS-II experience at Techtore, Nagpur.
- Basics of structures, oil and transportation are important courses.

## Other Relevant Information

- Experience in construction industry is very helpful.
  - This company had a bond for 5 years, so interviews were basically them asking if we are sure about it. We had to go to their Corporate Office for the test and HR interview.
- 

## Sector: Bridges

Name: Saranya P (M.E. Structural engineering)

Company: Lea Associates

## Profile: Deputy engineer

## Recruitment Procedure

- Phone interview
- Shortlist by resume
- Questions were based on Beams, slabs, piles design basics and IRC codes loadings etc , general HR

## Other Relevant Information

- Design by understanding basics.

## Electronics Engineering

**Sector: EEE & EnI**

Name: Vaibhav Garg (A3)

**Company: Centre of Development of Telematics**

**Profile: Research Engineer(Hardware)**

### **Recruitment Procedure**

- Technical Interview
- Pre-interview core questions primarily were based on Digital Design, Analog Electronics, Communication Systems.
- Interview core questions were on Digital Design, Analog Electronics, Communication Systems

### **Sources of Preparation**

- Digital Design, Analog Electronics, Communication Systems

### **Courses and Certification**

- Digital Design, Analog Electronics, Communication Systems
- 

**Sector: EEE & EnI**

Name: Parakh Sarda (A3)

**Company: Johnson Controls**

**Profile: Embedded systems engineer**

## Recruitment Procedure

- Resume Shortlisting, Online Test, Technical Interview, HR
- Core questions primarily pertaining to Digital design, ADVD, Comp Arch, MUP, Ane
- Caching, Digital Design, Processors, Microcontroller and Microprocessors

## Sources of Preparation

- Course books

## Courses and Certification

- DD
- Computer Architecture

## Other Relevant Information

- Keep an idea about basic C++/C.

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## Sector: EEE

Name: Sriganesh (M.E.Communication Engineering)

Company: MediaTek

## Profile: R&D Engineer- DSP Division

## Recruitment Procedure

- Written test
- 2 Technical Rounds
- HR round
- There was a pre-interview test, majorly focusing on communication systems, signal processing and c programming
- Interview questions were from OFDM, MIMO, Adv.Digital Comm.- almost all topics covered by Sainath including Random process, C prog- esp bit manipulation , ques on RP topic and other projects mentioned in resume

## Sources of Preparation

- ADC-sainath's notes, Goldsmith, Some C books for basics and basic signal processing concepts

## **Other Relevant Information**

- C prog knowledge, ability to explain complex concepts in layman terms because they want to see how well you understand the concept yourself and not just parroting things from textbook

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## **Sector: EEE & EnI**

Name: Pawas Shukla (B5A3)

Company: **Panasonic India**

## **Profile: Graduate Engineer Training**

### **Recruitment Procedure**

- GD, Technical Interview, HR
- The interview was mostly based on testing basic logic.

### **Courses and Certification**

- POR is not necessary. Projects are always helpful in core.
- Electrical Machines

## **Other Relevant Information**

- MATLAB(Major); Cadence, LTSpice, Verilog(Minor)

**Sector: VLSI**

Name: Anuj Kumar (M.E Microelectronics)

Company: Qualcomm

**Profile: QUALCOMM - Hardware Engineer**

**Recruitment Procedure**

- 4 rounds: written test, tech1, tech2 and HR interview
- Written test(Mcqs): Aptitude, basic C, EDC, Analog, Digital, Network theory, uP
- Tech: About recent projects, digital design questions: FF, mealy/moore, verilog, mux, timing analysis. HR: most challenging project, role you played, ready to relocate

**Sources of Preparation**

- Basic concepts and formulas from internet. Course curriculum, projects in resume

**Other Relevant Information**

Should be thorough with contents in resume. Decent communication skills

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**Sector: EEE & EnI**

Name: Anurag Pallaprolu (B5A3)

Company: Qualcomm

**Profile: Hardware Engineer**

**Recruitment Procedure**

- Resume Shortlisting, Online Test, Technical Interview, HR
- Core Syllabi:
  - Digital Integrated Circuits
  - Digital Design
  - Analog Electronics
  - Computer Architecture
- Coding:

- GeeksForGeeks
- C Programming Language - Kernighan and Ritchie
- Any one OOP Language (I used Python)
- Aptitude:
  - Time, Speed and Distance
  - Work, Profit and Loss
  - Flexibility with numerical computation
  - Comprehension and Vocabulary
- Core:
  - Setup and Hold Time In Digital Circuits (Tricky. Negative Hold Time et cetera.)
  - Timing Issues In Digital Circuits
  - State Machines - Mealy and Moore (Time consuming. Solving without pen and paper.)
  - Verilog HDL
- HR:
  - Why Qualcomm?
  - Why not research? (Tricky.)
  - What are your plans at Qualcomm? (Tricky.)
  - Location Preference.
- There was a brief discussion with one of the recruiters where the recruiter tried playing negative but then I got through to the HR round because I kept telling the former about my plans of using Qualcomm as a launchpad by contributing to their technology.

## Sources of Preparation

- Digital Integrated Circuits (ADVD) - Jan M. Rabaey, Anantha Chandrakasan, Borivoje Nikolic. The Bible for Digital VLSI Design. The design examples are sufficient to get through core interviews.
- Analog Integrated Circuits(ADVD) - Behzad Razavi. The Bible for Analog VLSI Design. Again, the examples are sufficient and the book focuses on quick reviews which are really helpful if your memory is foggy.
- W2AEW YouTube Channel - Practical electronics videos where many useful concepts about devices are elucidated using experiments done in a basement.
- GATE Prep Material - Some concepts such as Timer circuits can be understood quickly by going through this. Not recommended for a complete read, only for quick revision purposes.
- Fundamentals of Electrical Engineering - Leonard S. Bobrow. An all-in-one revision for the pre-interview test. Most of the questions in the pre-interview tests are based on fundamentals and this book covers almost all topics (including Electrical Machines).

## Courses and Certification

- Analog and Digital VLSI Design

- Analog Electronics
- Microelectronic Circuits
- Computer Architecture
- Microprocessors and Interfacing

## Other Relevant Information

Two days before I got into Qualcomm, I was rejected by Texas Instruments. That day was when I probably hit my lowest. I waited from 10 in the morning to 4:30 in the evening and then I was called for my first round. They judged me as slow and I was rejected straightaway. I was sleepless for over 12 hours but I realized that Qualcomm was now my D-Day. So I stayed awake and prepared for the pre-interview test and gave it. I came back and fell asleep and woke up the next day to find out that I was shortlisted. I carefully noted the way the interview processes went ahead to see that there were Digital ADVD questions being asked. So, I took my phone out and started revising slides made by Jan Rabaey of UC Berkeley. This got me confident in a few topics and I navigated the interviewer towards these. The HR was tricky. They kept telling me that my resume was for a PhD or an MS and that I should choose research over the job. I agreed to them but then I immediately told them that I was financially constrained and that I am actually living off a scholarship partially. Then it was about Qualcomm devices, something I knew a little about (my father worked for Motorola which used Qualcomm processors). So, this part was managed and the interview concluded. I was notified 6 hours later about my selection. It is mostly about being vigilant and confident about the topics one knows one is going to be tested in. A well known trick to get extra brownie points when one is asked a question for which one knows the answer surely, is to slowly let the interviewer help you by carefully letting out the answer one step at a time. It adds a whole lot to your problem solving assessment. Apart from that, stay cool and confident. Tell yourself that if you don't get through this then you might as well de-register. A little fear can almost get the job done.

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### **Sector:** EEE & EnI

Name: Prajyot Gupta (A3)

**Company:** Qualcomm

**Profile:** Associate Engineer

### **Recruitment Procedure**

- Technical Interview, HR
- Was offered a PPO: Therefore no Pre-interview Tests
- PPO: Interview was related to the projects done during the summer tenure

## Sources of Preparation

- Basics of Digital Design, Computer Architecture, Verilog, Perl, Linux Programming, Analog Electronics (specifically: Filters, Phase Locked Loops, Op Amp based circuitry)

## Courses and Certification

- Digital Design, Computer Architecture, Analog Electronics, Verilog, Perl, Linux Programming,

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## Sector: EEE & EnI

Name: Sumedh K R (A3)

Company: Qualcomm

## Profile: Associate Engineer (H/W)

## Recruitment Procedure

- Online Test, Technical Interview, HR
- Questions from Digital Design, Analog Electronics, Microelectronics, ADVD (Inverter, Circuit topologies, Timing only)
- Digital - DD, Static Timing Analysis, ASIC Flow, Sequential Circuits
- Analog - Microelectronic Circuits, Control Systems, Basic RC Circuit Analysis

## Sources of Preparation

- [www.edaboard.com](http://www.edaboard.com); [www.vlsi-expert.com](http://www.vlsi-expert.com); <http://vlsisystemdesign.com/>; Youtube (IITD S.C.Dutta Roy lectures, Brian Douglas for Control systems)

## Courses and Certification

- Digital Design, Analog Electronics, Control Systems, ASIC (RTL to GDSII) Flow

## Other Relevant Information

Interviewer will test basic, fundamental concepts. Spend time on basic RLC circuits - transient and Steady-state analysis and Digital Design.



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**Sector: EEE & EnI**

Name: Vishwajit Bugade (A3)

Company: Rohm Semiconductor

**Profile: VLSI Design Engineer****Recruitment Procedure**

- Pen-paper Test, Technical Interview, HR
- The test was descriptive type. Questions were based on basic concepts of microelectronics and ADVD (analog part). They were expecting us to write full approach in solving the questions.
- In interview first they went through our answer script of the written test. Then asked some questions on the same (they would manipulate the questions from the written test and would ask us to solve in front of them). Then they went through the resume. If you have done some projects related to this field then it would definitely help you.
- Basic RLC circuits, basic things like characteristics of MOS and BJT (covered in Electrical science course), Microelectronics and ADVD courses.

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**Sector: EEE & EnI**

Name: Plaksha Verma (A3)

Company: Texas Instruments

**Profile: Analog Design Engineer****Recruitment Procedure**

- Online Test, Technical Interview, HR
- 3 Sections: Analog, Digital, Aptitude
- For Analog: RC circuits, Opamps, Bode Plot, Poles/zeroes, RLC oscillators
- For Digital: Analysis of digital circuits, K maps, counters, registers, etc
- Analog interview:

- Round 1: RC circuits, bode plots, step/ramp/clock response for an RC circuit to be plotted INTUITIVELY, Opamp+RC circuits
- Round 2: Zero calculation of an RC circuit INTUITIVELY

## Sources of Preparation

- Fundamentals of Electrical Engineering (Bobrow) i.e. ES textbook

## Courses and Certification

- Analog Electronics, ADVD, MuE, Digital Design, basic comparch (for digital domain), Poles/Zeros/Frequency response to be taken very seriously

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## Sector: EEE & EnI

Name: Pranshu Kalra (A3)

Company: Texas Instruments

## Profile: Digital Engineer

## Recruitment Procedure

- Online Test, Technical Interviews, HR
- The interviewers try their best to intimidate you. If you succumb under their pressure you are done for. They don't really want to see the solution to the problem right away as much as they want to see how you reach it. Thinking out loud is the key to cracking the interviews.

## Sources of Preparation

- The course material is sufficient really. No other supplements are required

## Courses and Certification

- The final HR interviewer really goes through the non-technical aspect of the resume'. So it doesn't really have to be much but something that you feel comfortable and confident discussing about. Also you need to steer them in that direction.
- Digital Design, Electrical Sciences, ADVD, Microprocessors Programming and Interfacing, Computer Architecture, OOP (They post the syllabus for all the profiles on their facebook page a month in advance)

## Other Relevant Information

- They just require a basic coding aptitude and a good command over the electronics basics.
  - A day before I cleared for Texas Instruments, I was really under-confident about getting shortlisted in the first place. I was sitting for the Cisco process and got rejected for the same. The next day they announced the shortlist and surprisingly I made it for both the profiles. But my eyes were set for Qualcomm as I knew that I had no chance in TI. So I thought to myself that I anyway am not going to get through, nothing worse can happen. So with this mindset I sat for the interviews. And since the fear of getting rejected was absent, my mind was cool as a cucumber. I think that was what played the key role in my placement. So all I would like to say is that fear of rejection is common during the placement process. One needs perseverance and mental strength to endure the entire placement process.
- 

## Sector: EEE & EnI

Name: R.S.Veerarraghavan (A8)

Company: Texas Instruments Pvt Lt.

## Profile: Analog Engineer

## Recruitment Procedure

- Online Test, Technical Interview, HR
- Pre-interview core questions primarily were based on LCR networks, RC networks, Diodes, Opamps, Delay Models, Pole Zero Identification, digital design, SRAMS and DRAMs, Static timing analysis.
- Interview core questions were on LCR networks, Analog electronics, devices(mosfet and bjt)

## Sources of Preparation

- Site - VLSI experts, NTU lecture slides, BITS lecture slides, morris mano, Brian Douglas lectures for control systems(highly recommended)

## Courses and Certification

- Analog Electronics, ES, ADVD, Control systems, Microelectronic circuits, Digital Design

## Other Relevant Information

- Keep an idea about basic C++/C.
-

# Banking and Finance

## **Sector: Banking and Finance**

Name: Naman Singhal (B3A3)

Company: Flow Traders

## **Profile: Junior Trader**

### **Recruitment Procedure**

- Resume Shortlisting, Online Test, Case study, HR, Mental Maths Assessment
- Process of Recruitment :
  - Cover Letter + Resume Shortlisting
  - Aptitude Test + Personality test + Video Interview
  - Mental Maths Test
- Practice Verbal Ability, Logical Reasoning and Mental Maths.
- HR Interview - A stress interview to assess motivation. Wide range of questions expected to bring out personality traits.
- Case Study - A general case study on the basic concepts of Arbitrage.

### **Sources of Preparation**

- Mental Maths can be practiced on various simulators online.
- Aptitude can be practiced on indiabix.com & other online resources.
- Basic concepts of finance can be covered online on websites like Investopedia.

### **Courses and Certification**

- Finance Electives - FundaFin, DRM, SAPM, FUWS.

### **Other Relevant Information**

- The resume should be structured, symmetric and concise(to the point). Do not add any point on the resume for which you cannot speak 2-3 minutes.

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## Sector: Banking and Finance

Name: Parth Gupta (BE Manufacturing)

Company: ICICI Bank

## Profile: Management Trainee

### Recruitment Procedure

- Resume Shortlisting, Online Test, Group Discussion, HR
- The pre-interview test was a Psychometric Test.
- A lot of questions specific to Resume and past experience. They wanted to know which internship was my favorite and why. They also wanted to know about the Projects mentioned and what value they would add. And how they helped me.

### Sources of Preparation

- I think Books, Case in Point, reading online tips are very helpful. Most helpful is to write your sample answers to very common questions.

### Courses and Certification

- SAPM, DRM, FundaFin
- Aptitude

### Other Relevant Information

- The resume should be structured, symmetric and concise(to the point). Do not add any point on the resume for which you cannot speak 2-3 minutes.

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## Sector: Capital Markets

Name: Mohit Agrawal (M.E. Manufacturing Systems Engineering)

Company: Futures First

## Profile: Market Analyst

## **Recruitment Procedure**

- Test+Interview
- One aptitude test (pre-interview)
- Stress based Interview

## **Sources of Preparation**

- Online tests

## **Other Relevant Information**

- Good at Mathematical Aptitude, Good performance under stress
-

**Sector: MBA/Banking & Finance**

Name: Mayank Mudgal (MBA)

Company: Janalakshmi Financial Services

**Profile: Assistant Manager**

**Recruitment Procedure**

- Aptitude test, interview.
- The Aptitude test includes quantitative aptitude, verbal reasoning and some banking questions.
- The interview had standard questions:
  - 1) Tell me something about yourself?
  - 2) why you want to join this company and how will this profile help you in achieving your career goals?
  - 3) what are the 5 main activities in auditing?
  - 4) 2-3 questions on past work experience?

**Sources of Preparation**

- Internet and project reports of all the projects did during the MBA.

**Courses and Certification**

- MBA projects of different subjects ,Six sigma certification, financial modelling certification.
- Important Courses: Marketing,CFT, Quantitative methods, supply chain, economics

**Sector: MBA/Consulting**

Name: Radhika Saswade (MBA)

Company: Gartner

**Profile: Research Consultant**

**Recruitment Procedure**

- HR interview, Case study, Technical interview, Interview with India director, Interview with global director.



- The interview had questions related to my resume, my B.Tech (Computer Science). Work Experience related questions involved in depth technical discussions. Som question on application of finance and technical concepts studied during MBA were asked in case study.

### **Sources of Preparation**

- Regular classroom discussions, internet sources

### **Courses and Certification**

- IT related, Finance courses, Project Management

### **Other Relevant Information**

- Have clarity of IT related concepts and application of financial knowledge

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## Sector: MBA/Banking & Finance

Name: Rizwan Ansari (MBA)

Company: WNS Financial Services

## Profile: Credit Research Analyst

### Recruitment Procedure

- Aptitude Test and three Interview rounds.
- In the interview general questions related to background, internship experience were asked. They also asked questions on SAPM, CFT and my projects done at BITS. A few questions about WNS, the company were asked.

### Sources of Preparation

- Online aptitude tests

### Courses and Certification

- Good projects done at BITS.
- SAPM, CFT, Financial Engg.

### Other Relevant Information

- Good knowledge about Finance basics

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## Sector: MBA/IT

Name: Nitin Chaudhary (MBA)

Company: Indiamart Intermesh Limited

## Profile: Assistant Product Manager

### Recruitment Procedure

- Written test, GD and PI
- Previous Experience and Summer Internship and based interview

### **Sources of Preparation**

- Seniors, Current trend in Market and Google Information

### **Courses and Certification**

- Important courses - Marketing

### **Other Relevant Information**

- Microsoft Excel, MS Power point , SQL Query Basics.

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### **Sector: MBA/IT**

Name: Shiva Sahu (MBA)

Company: Browntape Technologies Pvt Ltd

### **Profile: Account Manager**

### **Recruitment Procedure**

- Aptitude test and MS Excel test filled by 2 round of interview
- Aptitude test and MS Excel test
- More focused towards work done during internship and colleg projects. Case based questions were also asked.

### **Courses and Certification**

- Six sigma, project management, digital marketing
- Important courses - Marketing

### **Other Relevant Information**

- Have expert level proficiency in MS Excel.

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**Sector: MBA/IT**

Name: Kallapari Pavan Sudheendra (MBA)

Company: M-Supply

**Profile: Business Development Executive****Recruitment Procedure**

- Resume shortlisting, Technical interview, HR.
- The interview was geared towards resume based questions. It went very well as I had good command over everything whatever I have mentioned in resume.

**Sources of Preparation**

- Marketing materials from internet and company website.

**Courses and Certification**

- Gathering knowledge regarding profile, company and growth potential. Being clear about my resume.
- Important courses - Marketing, Marketing research, Product and Brand Management, and ebim.

**Other Relevant Information**

- Have effective communication skills and knowledge regarding e-commerce.
- Being confident and being clear with every question I answered helped me to clear the process.

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**Sector: MBA/IT**

Name: Ritina Roy (MBA)

Company: Tata Consultancy Services

**Profile: ERP Consultant/Business Analyst/Presales** (not told yet)

## Recruitment Procedure

- Online aptitude Test, Technical Interview, HR Interview.
- Interview questions ranged from B.Tech to work experience to MBA related questions. Some puzzles were also asked. In my opinion they were mainly looking into communication skills and thought process.

## Sources of Preparation

- Nothing specific for the TCS Recruitment. Just make sure you know everything in detail whatever is there in your CV.

## Courses and Certification

- Some questions were asked from the Project Management Professionals preparatory certification. Actually whatever certification or project you mention in your resume they can ask from there.
- The interviewers asked about my favorite subjects and then asked questions from those subjects. Make sure that there are 1 or 2 subjects that you know in and out.

## Other Relevant Information

- Communication skill , MS Office suite (Specially Excel)
- Nothing specific. Just make sure you know in detail whatever you choose to mention in your CV.

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## Sector: MBA/IT

Name: Snigdha (MBA)

Company: Tata Consultancy Services

## Profile: ERP Functional Consultant

## Recruitment Procedure

- Online aptitude Test, Technical Interview, HR Interview.
- My interview majorly revolved around me as a person, and more like a coffee table conversation with an acquaintance, owing to the way I crafted my resume.

- Coming to questions, following are a few technical questions I can remember : Blue Ocean and Red Ocean Strategy, Ansoff Matrix and the likes. Latest trends in ERP, What is ERP, What do I think are the advantages, How it can help HR etc.
- There were situational questions asked, to look around the room, and mention what marketing and pricing strategies would be applicable to each of the things therein, About my project wherein I did 5C Analysis.

## **Sources of Preparation**

- Company Web Portal for the latest developments in TCS
- One mock interview with an ex-TCS employee

## **Courses and Certification**

- Whichever you're good at. I was given the liberty to choose my favorite subject to be interviewed upon (The interviewers did not ask any question from that subject though)

## **Other Relevant Information**

- For our batch TCS recruited for 2 profiles,
- 1. ERP Functional Consultant - They sought out to candidates who has some IT experience as it seemed, from the profiles of candidates who were sent to that panel.
- Skill Set - Updated with the subjects like MIS, projects you did in MIS, projects the candidate did in his IT Experience tenure
- 2. Business Analyst - Predominantly from a Finance Domain.
- Be necessarily updated with all the Finance Subjects, and what is happening in the market.
- From my experience, it seemed, TCS wanted candidates who had only 2 qualifications - Cultural Fit for TCS and Learn-ability of the candidate.
- I do not mean they dis-regard your professional experience or domain knowledge but that is not everything to them.

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## **Sector: MBA/IT**

Name: Pranav Kumar S (MBA)

Company: **Tata Consultancy Services**

Profile: **Senior Business Development Analyst**

## Recruitment Procedure

- Online aptitude Test, Technical Interview, HR Interview.
- First round was a video recording - Answering questions like why this company, strengths and achievements, any instance where you showcased your skillset.
- The interview had question on resume, Why TCS? and what value will you add to the company. I was also asked to do a mock sales pitch. They checked on awareness of IT industry trends and my understanding on Job roles and responsibilities. Sources of Preparation

## Courses and Certification

- Company website, self introspection and evaluation, IT industry trends, competitors, articles on emerging IT technologies.
- Business Development experience during summer internship
- Courses- Marketing

## Other Relevant Information

- Exposure to Business Development, past IT project experience

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## Sector: MBA/IT

Name: Satya Narayanan (MBA)

Company: Tata Consultancy Services

## Profile: Assistant systems analyst

## Recruitment Procedure

- Resume shortlisting, aptitude test, interview
- Questions from resume, about the specialization taken in MBA i.e. questions on operations management, finance for me, puzzles, situational questions on management problems

## Sources of Preparation

- Resume, Textbooks, News, BPCC Consulting Handbook

## Courses and Certification

- PMP training, MBA projects
- Courses- Project Management, Business Process and Strategy Management, Organization theory, Corporate Finance

## Other Relevant Information

- Practice for speed and accuracy in aptitude test.
- Take courses in analytics.

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## Sector: MBA/IT

Name: Abhay Nair (MBA)

Company: Tata Consultancy Services

## Profile: Management Trainee

## Recruitment Procedure

- Resume Submission --> Online Test --> Interview (2 rounds)
- General aptitude test
- In the interview the following questions were asked:

1. Resume Based questions- Marketing strategies formulated; How did you arrive at the approximations; Why was the particular subject chosen for the project; and others

2. Inspiration for the novel wrote and then guesstimate for the approx number of copies it would sell on Flipkart if it was a 4 star rated novel.

3. A candle burns out in 30 mins exact. You are given 2 such candles. How will you measure 45 mins exact. No equipment like scales or any other object is available and u need to measure exactly. (Ans: u basically have to burn one candle full and then burn the 2nd candle from both ends.)

4. How do i pitch for companies at the placement unit. What is the process. What is the conversion rate. Guesstimate on how many companies i need to mail to get 100% placements (class of 70 people) and how many companies pass through to each of the stage in the process.

5. Why TCS despite the other companies coming on board that too when you are aware of the companies in the pipeline being a part of placecomm?



6. What is my goal for my future (specific to my career) and How does TCS fit in the scheme of things?

7. What did i do as part of the Media Relations team? What was the most difficult part of the job? How did i handle it?

8. Favorite subject in engineering? What about it fascinated me? Why then did i leave it and pursue Management degree?

## Sources of Preparation

- General. Basic info about TCS from internet. Preparation for guesstimates was continuous since most interview feature them. Being well versed with Resume and the JD helps a lot. I guess it helped to connect all open ended questions in some way to the JD. (Like the MRC roles, situations etc)

## Courses and Certification

- Placecomm member, MRC, marketing project on a new product in the market. Co-curricular activities- (writing specifically)
- Marketing courses

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## Sector: MBA/IT

Name: Krishna Chaitanya (MBA)

Company: Cognizant Technology Solutions

## Profile: Senior Business Development Analyst (Presales) - Infrastructure Services

## Recruitment Procedure

- Resume Shortlisting, Video Interview, On campus (2 technical + 1 HR)
- Video interview was very interesting. They tested our basic system (Non technical). It mostly revolved around Why Cognizant and some questions on past experience.
- Technical Round 1:
  - **Q:**The session began with "Tell me something about yourself".Post giving the information, all of my interview for the next 30 minutes revolved around my summer experience with Boeing and my learnings from the experience.Majority of those 30 minutes went around the single question "Anduke Boeing is maling a strategy to enter

space. You are the CEO and the CEO has presented a technology road map for the problem statement as given by you. What would you check to understand authenticity/Viability of the plan being presented?"

- **A:** I tried answering it by telling about How Boeing's plans can never go wrong - Examples of the Boeing's overwhelming success in the Commercial Aviation and Defense systems.
- **Q:** How can you believe that if one/two projects are successful, the third will also be successful? Of course technologies are bound to fail. So even this might fail. How will you justify this ?
- **A:** I tried supporting my hypothesis by speaking of their experience, expertise and the failures and learnings from the various Boeing projects. However he did not seem convinced. I also explained about structure of the road map. I told that one should do market research, then carry out competitive intelligence and thoroughly analyse the insights, create a prototype and then test it for improvements, then implement.
- **Q:** Interviewer comments: This is all a part of the project once it is signed off by the CEO. However the question in context is "How would the CEO sign off this project"
- **A:** I told him that there should be a strategic thought process to ensure that even a far fetched future perspective should be considered while the CTO makes a plan today. That is what will help the company decide its action .
- **Q:** Would you like to sum it up in a word or two?
- **A:** I told I don't have any inputs.
- **Q:** The interviewer told me that "Vision statement of the CTO will help the CEO realize the potential success of a project" The next question was "How do you think you will fit in CTS (IT sector) with a completely non technical background?"
- **A:** I have done my best and excelled in whatever I have wanted to do. Though CTS is in the other end of the continuum I will always use my learnings from the previous experiences at Hyundai/Boeing to excel and contribute my best to the company. Especially the 5 core values that I picked up from Hyundai will remain with me forever. These are universally applicable for any business/organization to excel. Also I mentioned that attitude makes a person suitable/unsuitable for a job and that I have the right attitude towards work.

He seemed happy and asked me if I had any questions. I told him I wanted to really understand his perspective on how important is knowledge in IT for this job role. He reiterated that it's the attitude that matters and rest will follow. He asked me to leave.

- Technical Round 2:
  - I was called into the room and the first question was how will you find yourself suitable for this IT job?
  - I explained him the same way as I told to the other recruiter and he seemed happy. I also mentioned my contribution to the Placement Committee and how we were working hard as a team. He asked me to leave wishing me all the best. He said if they were interested they will reach out to me.
- HR Round : It was all about myself and why BITS and about Visakhapatnam. I was asked to explain about VIT University and the discussion ended after some discussion on these lines.

## Sources of Preparation

- Do good research about CIS/CTS/IT field on the internet and sent it across to me. My friends took mock interviews for me and recorded these videos before I appeared for the video session. They also gave feedback on my performance in these mocks which was helpful in ensuring a proper eye contact and seamless delivery during the video interview process.
- Seniors were really helpful in guiding me through their interview experiences. That was really helpful.

## Courses and Certification

- My past experiences at Hyundai and Boeing. The quantum and the quality of work really mattered. They had been to some extent unique and more oriented towards management perspective.
- I had been confident throughout the interview. This confidence in me particularly developed, being a member of the placement committee and having interacted boldly with various stakeholders.
- My MBA projects - Supply Chain/Managerial Communication which I put in my resume. While the SCM project highlighted the relevance to my past work experiences, the communication project mostly highlighted my soft skills and interpersonal skills.

## Other Relevant Information

- Have a structured resume.
- Know thoroughly about why you are the right candidate.
- Have an understanding of the industry landscape.

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## Sector: MBA/IT

Name: Mohit Saxena (MBA)

Company: Cognizant Technology Solutions

## Profile: Senior Business Development Analyst

## Recruitment Procedure

- Video Interview Round, two Managerial Interview, HR Interview.
- Video interview:
  - Be smart both with looks & diligence because it finally adds value when you speak from the other side of the table as you will be continuously monitored by the panelist.

- Also, the video round is the first hurdle to cross. For 15 mins, your entire outlook (how you speak, what you speak, your body language, your dress code) will be recorded and later evaluated.
- No one will be there on the screen so don't feel nervous while answering questions.
- Don't look onto the screen or timer while answering. Only and only look into the camera while answering. Time your answers adequately.
- It is better to finish short (like 2-3 mins before timer expires) rather than getting stuck in half way with your answers while your timer gets over.
- YOUR ENTIRE VIDEO RECORDING WILL DECIDE YOUR FATE IN THE NEXT ROUND & THAT IS A HARD TRUTH. ALWAYS REMEMBER ITS AN ELIMINATION ROUND & you can never expect how much dip it comes up with in the number of people who shares their resume and finally makes through the video round.
- The interview questions:
  1. Why I pursued MBA after such vast range of experience?
  2. Brief up about your experience summary.
  3. What makes you fit for this job?
  4. Brief up about the job description.
  5. How your potential comprehends the job requirement?
  6. Explain your leadership roles and qualities?
  7. What is your managerial strength?
  8. What is the dynamics of your profile?
  9. What are the areas in which CTS is advancing?
  10. Why should we recruit you ?

## **Sources of Preparation**

- Cognizant official website
- Regular briefing with Financial Times
- Read newspaper on the very day of drive (You will never know when this act becomes handy in shaping your future)
- Two mock interviews with Mr. Kehsav Sridhar (that really paid off. All credit to him who made me to gain out of both of my strengths & weakness.)

## **Courses and Certification**

- My industry experience projects.
- My co-curricular activities & initiatives.
- Important courses - Marketing Research, Business Analysis & Valuation, Human Resource & Management

## Other Relevant Information

- Practice public speaking because if you will feel shy or hesitate while answering the question posted in video round (which is an eliminator round), your chances are immediately struck off if you will mess with it.

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## Sector: MBA/Management Consulting

Name: Nitish Shukla (MBA)

Company: KPMG Global Services

## Profile: Secondary Researcher

## Recruitment Procedure

- Written Test followed by three Interviews.
- The written test had questions from verbal ability, maths, logical, Economics, finance, GK.
- The interviews had a couple of guesstimates, case study based questions and a few behavioral questions.

## Courses and Certification

- Courses- OB, MR, NS

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## Sector: MBA/Market Research

Name: Himanshu Mishra (MBA)

Company: Global Data Research Centre

## **Profile: Analyst**

### **Recruitment Procedure**

- Skype Interview.
- The interview comprised of logic based Question, Internship related question and Decision making questions.

### **Courses and Certification**

- Courses- Marketing and Marketing Research

### **Other Relevant Information**

- Prepare some research reports and mention it in resume.

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## **Sector: MBA/Media Analytics**

Name: Rohit Valluri

Company: Time Inc India

## **Profile: Analyst**

### **Recruitment Procedure**

- Excel based test, followed by Round 1 - Interview(Manager), Round 2 - Interview(Manager), Round 3 - HR Interview, Round 4 - Interview (Executive Director).
- The interview comprised of question on resume, Excel skills, basic subjectual knowledge.
- Honesty, frankness and Attitude is what my panel looked for.

### **Courses and Certification**

- Courses- Be very clear with all curriculum courses.

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## **Sector: MBA/Telecommunication**

Name: Arunodoy Bhattacharjee  
Company: Tata Teleservices

## **Profile: Management Trainee- Marketing**

### **Recruitment Procedure**

- Off campus, held in Delhi.
- Aptitude and Behavioral test.
- In the interview some questions from marketing discipline and industry awareness were asked.

### **Courses and Certification**

- Company websites, business reports, reading the profile carefully gives a clear idea.
- Courses- Marketing subjects, profile related.

### **Other Relevant Information**

- Have good communication skills, and answer with confidence.
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