



**BITS Pilani**  
Pilani Campus

## Recruitment Process & Interview Experience

# INTERVIEWEE TESTIMONIALS

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Placement Season

Academic Year 2020-21 Second Semester

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## Foreword

Dear students,

It gives us great pleasure to present the PU chronicles for the second semester of 2020-21. The document aims to provide you with information that would help you to make important decisions regarding your placements and academics.

This document has been curated by compiling the interview experience from students who cleared the interview rounds and were placed in the companies that visited campus in the 2nd semester of AY 2020-21. This is by no means an exhaustive document enlisting all the students placed or all companies that visited. The information here is from students perspective and thus can be very resourceful to the students as they gear up for the processes yet to come. We urge you to get in touch with us to clarify any doubts, and also write to us at [pu.bitspilani2020@gmail.com](mailto:pu.bitspilani2020@gmail.com) or the Slack channel in case you notice any glaring errors. We will ensure the rectification notice is sent at the earliest.

A word of caution: Placement is an extremely volatile area, and changes are based on a number of factors such as market conditions, recruiter relationships and business constraints. For the academic year 2020-21, the placements were affected by COVID-19 and hence the trends might differ from that of other years. Please read through the document with the awareness that the trend for a certain year may not be the trend for the next year. The rounds and processes conducted by a company in the previous semester may very well differ this semester.

Hence, prepare hard, be optimistic, and rest assured that the Placement Unit is always there for you!

All the Best,  
Placement Unit  
Pilani Campus



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# Domain: **Analytics**

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**Sector:** Analytics

**Name:** Avilekh Chauhan (2016B5A10705P)

**Company:** DoubtNut

**Profile:** Business Analyst

### **Recruitment Procedure**

#### **1. Aptitude test:**

- a. Mix of quant, data interpretation and logical reasoning questions.
- b. Company used an AI software in which one and a half minute was given to solve each question individually and a second attempt was also given within the given time limit in case the first attempt went wrong.

#### **2. 2 Interview rounds:**

- a. You should be able to elaborate upon the points under your internships and projects clearly.
- b. More questions were asked on internship experience in my interview rounds.
- c. Other than cross-questioning on resume points, 2 aptitude questions were asked in Round 1 and 2 guesstimates in Round 2.
- d. Both rounds had a few typical HR questions as well.

### **Sources of Preparation**

Indiabix for Aptitude Training, Case in Point for guesstimate

### **Courses and Certification**

SQL and Python certifications will definitely help in most of the analyst roles. I had two certifications:

1. Ultimate MySQL Bootcamp – Udemy, Python for Data Science
2. Machine Learning Bootcamp - Udemy

### **Other Relevant Information**

For analytics roles, the most important point to work on is to increase your speed of solving Quant/DI questions. Start practicing at least two months before Day 1 if you want to have an edge over others.

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**Sector:** Analytics

**Name:** Mayur Pamnani (2017A3PS0284P)

**Company:** DoubtNut

**Profile:** Business Analyst

### **Recruitment Procedure**

1. **Online Test :** Questions on Logical Reasoning, Probability and Statistics, Data Interpretation and Quantitative Aptitude were asked. Test wasn't that hard but was time consuming. It's important to maintain speed in order to complete the test.
2. **2 Technical Interview Rounds :**
  - a. First few questions were asked from the points you have put up on your resume. Then 2 Guesstimate type questions were asked.
  - b. Some in-depth questions related to the work done on PS-1 and PS-2. Major challenges faced and how you dealt with those, major achievements etc.
  - c. Questions about the company and why only this role?
  - d. Typical HR questions : Tell me about yourself, Strengths, Weaknesses, Interests, Achievements etc.
3. **HR Round :** No HR round for me. Most of the HR type questions were asked in the 2nd Tech Interview.

### **Sources of Preparation**

GeeksForGeeks, Victor Cheng's videos for Case study and General Guesstimates to have an idea of approach and execution. Focus on Aptitude training, Case Studies and Guesstimate Questions.

### **Courses and Certification**

SQL(Although they didn't ask me, but it's better to be prepared for some SQL or Excel based questions)

### **Other Relevant Information**

1. Prepare your resume points thoroughly and don't lie on your resume.
2. Practice Guesstimates and cases.
3. Prepare about the Company and the role as well. You should be able to justify your choice of Job Profile/Role.

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**Sector:** Analytics

**Name:** Nimisha Jain (2016B4A10504P)

**Company:** Fractal Analytics

**Profile:** Imagineer

### **Recruitment Procedure**

1. **Resume Shortlisting**
2. **Aptitude test:** Involved questions based on verbal and logical reasoning as well as data interpretation and numerical questions.
3. **Coding test:** Based on SQL and Python or SQL and R and the candidate had to choose one of the two options.
4. **Technical Interview**
5. **Managerial Interview**
6. **HR Interview**
7. Interviews involved solving guesstimates and grilling on the resume.

### **Sources of Preparation**

Solved a lot of aptitude questions and case studies and guesstimates from various online sources.

### **Courses and Certification**

None expected in particular

### **Other Relevant Information**

Don't worry about what you do not know. Just make sure that whatever you have mentioned you know, you are thorough with it.

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**Sector:** Analytics

**Name:** P G Padma Vilochani (2017ABPS0353P)

**Company:** Fractal Analytics

**Profile:** Imagineer

### Recruitment Procedure

1. **Online Tests:** Two 1.5 hour tests
  - a. Aptitude (Data Analysis, Reasoning Ability, Quantitative Ability & Verbal Ability)
  - b. Coding – SQL and Python/R. I chose Python. This had 4 questions each from Python and SQL. They were very basic and based on Pandas and Numpy Joins.
2. **Technical Interview:**
  - a. This was a 15 minute interview based on my resume. Starting with a “walk me through your resume”, the interviewer grilled me on one of my projects.
  - b. It was about supply chain optimization. The questions I got were like how you can use this in the industry, what kind of a dashboard can you make based on the results and some more application based stuff.
  - c. Towards the end we also discussed some of my extra-curricular activities.
3. **Managerial Interview:** I was asked some more questions based on my projects and was given a guesstimate on the market size of the carpet industry in Chennai.
4. **HR Interview:** Had some cliché HR questions like -
  - a. Do you prefer working in a team or alone? Why?
  - b. How do you deal with pressure?
  - c. How would your friends describe you to me?
  - d. What are your strengths?
  - e. When was a time where you had to work with little/ no guidance?
  - f. How do you deal with a team member who slacks off?
  - g. It generally helps to have some answers prepared for this. It's better to back it all with some instance from your experience, no matter how small it could be.

### Sources of Preparation

HackerRank, GeeksforGeeks, aptitude practice.

### Courses and Certification

None

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## Sector: Analytics

**Name:** Vishesh Arora (2017A3PS0299P)

**Company:** Fractal Analytics

**Profile:** Imagineer

### Recruitment Procedure

1. **Aptitude test:** 70 general aptitude and reasoning questions to solve in 75 minutes. This was not an elimination round.
2. **Coding test:**
  - a. 8 coding questions (4 questions each on NumPy/Pandas and SQL) to solve in 90 minutes. You could also choose R instead of Python for the test.
  - b. This was an elimination round. Roughly 20 students were shortlisted after this for the interviews based on the results of both the tests.
3. **Technical interviews:**
  - a. Started with an introduction of myself, followed by a detailed discussion on my work during PS II (which was related to building underwriting models).
  - b. No technical questions on Python or SQL were asked per se. It was a very generic discussion on my PS II project.
  - c. The interviewer asked a few questions on stock trading/investing since I had mentioned it on my resume.
  - d. This was followed by a 2nd round of interview, which was almost similar to the first. The interviewer wanted to know more about my PS II project, and asked me a few follow up questions on it. Both the interviews lasted for 20 minutes each.
4. **HR interview:** Standard HR questions were asked. Biggest strengths and weaknesses, how would my friends describe me, questions on leadership, working in a group, working with a difficult co-worker/employee, working under a deadline, and biggest (professional) failure/achievement. The interview lasted for roughly 20 minutes.

### Sources of Preparation

Indiabix website and Hitbullseye (official PU training) for Aptitude, Coursera for Python/NumPy/Pandas and SQL, Data School and Codebasics YouTube channel for NumPy/Pandas, Khan Academy for SQL and basic statistics

### Courses and Certification

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Introduction to Data Science in Python (Coursera), SQL for Data Science (Coursera)

### Other Relevant Information

1. Go through your resume multiple times so that you know about each and every thing on your resume.
2. Prepare a 45-60 second introduction (since it is invariably asked in every interview) and prepare for standard HR questions beforehand.
3. Learn Python/R and SQL for 3-4 months before sitting for placements, and try to get a PS II in a similar domain where you'll get to use Python/R and SQL.

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**Sector:** Analytics

**Name:** Achalla Vaishnav Pavan Kumar (2017A5TS1112P)

**Company:** IQVIA

**Profile:** Analyst

### **Recruitment Procedure**

1. **Written test:** There were four aspects tested in this test, i.e., Verbal ability, Logical reasoning, Quantitative Aptitude, and Critical Thinking. This test was of medium difficulty, and adequate preparation would be sufficient to get shortlisted for further rounds.
2. **Technical round:** Resume grilling was done. Every point was cross-questioned, and knowledge about the projects and their scope was judged. The perspective about the work that happens at IQVIA was asked.
3. **HR round:** Nothing special, just a casual conversation about future goals, hobbies, etc.

### **Sources of Preparation**

IndiaBIX.com, Careerride.com, YouTube channels.

### **Courses and Certification**

Nothing is required in particular, but you can expect some questions if any courses are done.

### **Other Relevant Information**

1. Just be confident and clear on your thoughts while giving your interview.
2. The company is looking for a person with pharma knowledge (For Pharma students) and a basic idea about the drug development process

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**Sector:** Analytics

**Name:** Navoneel De (2017A5PS1087P)

**Company:** IQVIA

**Profile:** Analyst

### Recruitment Procedure

1. **Aptitude Test:** 50 min test which covered Verbal skills, Quant, Logical Reasoning and Data Interpretation. Speed is of paramount importance here as all questions are solvable.
2. **Interview:** The actual shortlisting step in the recruitment process. Majority of us made it through the aptitude test round for the interviews.
  - a. It is a **purely resume based** interview. Anything on your resume is fair game and can be asked about in detail, no matter how unlikely it may seem. Hence, try to keep it simple.
  - b. This is because around a third of my interview was spent on explaining my interest in Fantasy Premier League (FPL), a specific hobby which I had mentioned in the resume.
  - c. The objective of this exercise was to showcase that the candidate has an analytical bent of mind, used to problem solving and detailed analysis in daily life and not just in a professional setting.
  - d. Goes without saying, but **PS experiences count a lot** and detailed questions about the projects were asked. Be ready to explain to them why you would be a good fit for the profile you are applying for despite internship experiences in a different role (as is the case with a lot of us I assume).
3. **HR Interview:** A casual call of around 10 minutes wherein immediate future plans were asked along with other generic HR questions.

### Sources of Preparation

Hitbullseye and Indiabix website for covering basic aptitude questions and practicing mock tests, Case Interviews Cracked for case study preparation.

### Courses and Certification

None required.

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## Other Relevant Information

Considering Pharmacy students would be eyeing this sort of profile in the future, a note of caution to PCB background students; start focussing on aptitude test preparation a bit earlier than your PCM counterparts to get well conditioned with quick mathematical solving of problems.

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**Sector:** Analytics

**Name:** Kandregula Bhaskar (2017A5TS1114P)

**Company:** PharmaAce

**Profile:** Analyst

**Recruitment Procedure**

1. **Resume shortlisting:** Almost everyone (in Pharma) got shortlisted for the next round.
2. **Online test:** Test had 3 sections - Quant, logical reasoning and reading comprehension. Test was easy and almost everyone got shortlisted for the next round.
3. **Technical + HR Interview:**
  - a. There was a panel of 4 members (one of them is HR).
  - b. Interview started with the question: Tell me about yourself.
  - c. After that Resume grilling was done. Every point was cross-questioned, and knowledge about the projects and their scope was judged.
  - d. Since I did pharmacoeconomics, a lot of questions were asked from that course.
  - e. Once the technical questions were done, HR asked: What do you choose between MBA and M.Pharm? Why analytics?

**Sources of Preparation**

Just be thorough with your resume, Careerride.com (for aptitude).

**Courses and Certification**

Pharmacoeconomics (Not mandatory but would be an advantage if done)

**Other Relevant Information**

1. Resume is the key for selection.
2. Knowing MS-Excel will be a plus.
3. They also test your thought process in the commercial side of pharma.
4. The company prefers taking pharma-oriented people. For non-pharma students, having a basic knowledge of the drug development process would be helpful.

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**Sector:** Analytics

**Name:** Bhanu Pratap Singh (2017A2TS0785P)

**Company:** Uni Cards

**Profile:** Associate - Risk

### **Recruitment Procedure**

#### **1. Online test:**

- a. Aptitude test had questions on verbal ability, quantitative aptitude, data interpretation etc.
- b. There were a total of 16 questions to be done in 35 minutes
- c. 1 mark was awarded for the correct answer and the same was deducted for an incorrect answer.

#### **2. Case Interview 1:**

- a. This was a guesstimate round; I was asked to estimate the total sanitizer used in a week in a society in Mumbai.
- b. The interview lasted 20 minutes.
- c. In guesstimate the final answer does not matter, the interviewer's focus is the approach, try to keep the calculation simple so that the interviewer can follow you.

#### **3. Case Interview 2:**

- a. This was a business case round; I was given a market entry case.
- b. This round was 45 minutes long.

### **Sources of Preparation**

1. Case interview cracked (Book and YouTube channel) for Guesstimates.
2. Victor Cheng's videos on YouTube for Case interview

### **Other Relevant Information**

1. Practise 2-3 mock interviews with someone before the actual interview.
2. Always attend the PPT of the company, as they tell you what kind of candidate they are looking for, which helps in the interview

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**Sector:** Analytics

**Name:** Arpit Mittal (2016B1A40757P)

**Company:** Wells Fargo

**Profile:** Program Associate (CMoR team)

**Recruitment Procedure**

1. **Online test** was for 2 hours inclusive of 1 hour coding questions. Remaining sections were from English, Quant, and Business Analytics which were relatively easy.
2. **Technical Round:**
  - a. There were 2 technical rounds. The second one was with a senior manager.
  - b. Both the rounds were focused on Machine Learning. I had several projects and internships in Machine Learning and I was grilled on that.
  - c. Apart from that, I was asked questions from Vanishing and Exploding Gradients, Batch Normalization, Decision Trees and Random Forests, Bagging and Boosting, Logistic Regression vs SVM, K-fold cross validation, clustering techniques, handling a biased dataset.
  - d. Also asked questions about normal distribution and various data visualization techniques.
  - e. I did not know details about some topics which I conveyed to the interviewer and he moved on to other topics. Both interviews lasted for 30 minutes each.
3. **HR Round:** I was asked why I am pursuing an ML role as both of my degrees are unrelated to it. I justified it based on my projects. The rest was just a formality.

**Sources of Preparation**

InterviewBit, GeeksforGeeks, Coursera

**Courses and Certification**

Optimization, Deep Learning Specialization, Python for Data Science, Probability and Statistics

**Other Relevant Information**

1. Be thorough with your projects. They asked very minute details about my projects, like why I used some technique, why a metric was important, and how I went about cleaning my data.
2. It would also help if you are aware of basic financial terms.

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Domain:

# Banking & Finance

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**Sector:** Banking & Finance

**Name:** Sujeet Srivastava (2017A4PS0503P)

**Company:** Uniorbit Technologies Pvt. Ltd.

**Profile:** Risk Associate

### **Recruitment Procedure**

#### **1. Online Test**

- a. This section consisted of Aptitude Questions with +1/-1 Marking Scheme.
- b. Questions on Data Interpretation, Logical Reasoning and Quantitative Aptitude were asked.

#### **2. Interview 1 (Guesstimate Round)**

- a. This round took about 30 minutes per student, and each one was asked a guesstimate question.
- b. I was asked to estimate the amount of fuel consumed by Amazon delivery rider in a month in Delhi.

#### **3. Interview 2 (Case Study Round)**

- a. This interview round was for 45 minutes. Initially, a few HR and Resume based questions (Tell me about yourself, Explaining of PS 2 project) were asked.
- b. After this, a case study was given to be solved. The case study given was: You are a member of a Consulting Company. A travel website has come to you, and they want to launch a Product. What Product Should They launch? Justify your answer (This part involved solving a market entry case).

### **Sources of Preparation**

For Guesstimates and Case Study, one can go through IIMA, FMS case book, or case interviews cracked.

### **Courses and Certification**

No Courses/Certification as such. The complete focus in the interview round was on Guesstimate and Case Study for Selection.

### **Other Relevant Information**

The Aptitude Round is a major shortlisting criterion in many companies. This shouldn't be taken lightly.

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**Sector: Banking & Finance**

**Name:** Shrajai Jain (2016B3A30557P)

**Company:** Wells Fargo

**Profile:** Analyst – Corporate Model Risk

**Recruitment Procedure**

**1. Resume Shortlisting**

**2. Online Test**

It had 4 sections: (Moderate Difficulty – make sure to finish all questions)

- a. Verbal- based on grammar, sentence correction and critical reasoning
- b. Data Interpretation
- c. Quant
- d. Coding – I left both coding questions since I was sitting for analyst role

**3. Technical and HR Question**

- a. Walk us through your resume
- b. Basic questions on derivatives, statistics, and Monte Carlo Simulation
- c. Simple questions on CAPM, SML, and Black Scholes Model
- d. Short-Term and Long-Term Goals
- e. Give an example of failure and your most memorable achievement

**Sources of Preparation**

1. Puzzles from Geeksforgeeks website and Ted-Ed (Youtube)
2. Guesstimates from Youtube (Consulting & Strategy Club IIM Lucknow)

**Courses and Certification**

1. Machine Learning A-Z™: Hands-On Python & R In Data Science (Udemy)
2. Python for Finance: Investment Fundamentals & Data Analytics (Udemy)
3. Microsoft Excel - Excel from Beginner to Advanced (Udemy)
4. The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert (Udemy)

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**Sector:** Banking & Finance/Analytics

**Name:** Shivam Agrawal (2016B4A40602P)

**Company:** WELLS FARGO

**Profile:** Business Analyst

### Recruitment Procedure

#### 1. Resume Shortlisting

#### 2. Online test:

- Test had 3 sections (90 min) Mental Ability / Quant / Data Interpretation (15 min)
- Verbal- Passage and Grammar (15 min)
- 2 Coding questions (60 min)-The first two parts were basic and could be done easily. Just had to ensure a decent pace to solve all questions. Coding questions would need some practice.

#### 3. Technical Interview

- They asked almost everything that was mentioned in the JD.
- Was asked about my technical projects along with some cross questioning
- Major focus was on topics like Probability and Statistics and ML algorithms
- Was asked about a few basics of finance like derivatives.

#### 4. HR Interview:

- It was just like any other HR interview where they asked about interests, why Wells Fargo, any specific location preferences, family background etc.

### Sources of Preparation

Gfg, InterviewBit and can refer to any resource for ML and Statistics.

### Courses and Certification

No subject as such. Just go through the Job Description and Try to study about every topic mentioned.

### Other Relevant Information

- Major Focus was on how well you know what you have mentioned in the Resume. Be confident and honest. Ask for some clues if necessary.
- Study the Job Description thoroughly. All the best

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**Sector:** Banking & Finance

**Name:** Vishakha (2016B3A30547P)

**Company:** Wells Fargo

**Profile:** Corporate Risk Modelling

**Recruitment Procedure**

1. **Resume shortlisting** (Dual degree compulsory (preferably economics))
2. **Aptitude test** (3 sections - Verbal, Quant and Reasoning)
3. **Interview round** (2 technical rounds followed by one brief HR round)

**Sources of Preparation**

1. Basic finance concepts, probability, econometrics, machine learning models
2. Basic probability questions - coin toss questions, Bayes' theorem, Binomial distribution
3. What is Monte Carlo Simulation? State assumptions and how to use it for stock and option pricing
4. What is CAPM, SML? Assumptions and application in estimating risk
5. PDF and CDF of various distributions
6. Explain Central Limit Theorem and state its assumptions
7. Explain zero coupon bonds, duration, yield.
8. Explain derivatives - swaps, options, futures and forwards, Put-call parity, simple payoff diagram
9. Basic concepts of econometrics. e.g. Stationarity, OLS, p-value, test statistics, null hypothesis
10. Black Scholes model and formula

**Courses and Certification**

Neural Network and Fuzzy Logic , Finance DeLs especially DRM

**Other Relevant Information**

Your resume should be finance and ML oriented

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Domain:  
**CHEMICAL**

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**Sector:** Chemical

**Name:** Srinivas Naveen Laghuvarapu (2017A1PS0801P)

**Company:** ExxonMobil

**Profile:** Engineer - BTC

### **Recruitment Procedure**

#### **1. Online test**

- a. The Aptitude section had 60 questions with no negative marking and the duration was one hour with 3 sections:
  - i. Verbal (15 qtns) - 5 comprehensions and 3 questions on each one
  - ii. Analytical (25 qtns)
  - iii. Quant (20 qtns)
- b. The Technical section had 30 questions with no negative marking and the duration was 30 minutes
- c. Questions in the Aptitude section are doable but are lengthy and it is important to maintain speed to finish more questions. Technical section had more concept testing and application based questions. A good number of questions were asked from Fluid Mechanics and Thermodynamics.

#### **2. GD round**

The Group discussion round had typical and generalised topics and it would be helpful if you have a basic idea of the important issues going around and current affairs.

#### **3. HR round**

For the interview round, be very thorough with your resume. Lots of questions were asked on the summer internship project and the academic projects mentioned in the resume. Later, A good number of HR and managerial questions were asked.

### **Sources of Preparation**

Refer to some common group discussion topics on the Internet and lecture slides are good enough for CDCs.

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**Sector:** Chemical

**Name:** Shreya Johri (2017A1PS0878P)

**Company:** JSW Steel Ltd.

**Profile:** Graduate Engineer Trainee

**Recruitment Procedure:** PPO

1. I had interned at JSW Group as a part of its Student Internship Program (SIP). I worked on a R&D/Consultancy project in the thermal power plant in Raigarh. I was able to offer an executable solution for my project. I received recognition for my work and was given a pre-placement offer.
2. The selection process for the SIP had two rounds:
  - a. Video submission answering a few open-ended HR questions along with resume shortlisting;
  - b. Technical interview. In the technical interview, I was asked application-based questions related to Chemical Engineering and my past projects/internships. The interviewer also asked a few HR questions and questions related to management and business strategies.

**Sources of Preparation:**

Be clear with the basics. NPTEL lectures are great for revision. Prepare for the standard HR questions and stay updated with the current affairs.

**Courses and Certification**

Knowledge of MATLAB, ASPEN and/or ANSYS will be helpful.

**Other Relevant Information**

The interviewer also gave some importance to academic and extracurricular profile, both in school as well as college. Be thorough with all the basic core concepts and know their applications. Subscribing to a newsletter would be great to stay updated with all the technical advancements in the core sector.

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# Domain: **Consulting**

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**Sector:** Consultancy

**Name:** Abhay Gupta (2015B2A40829P)

**Company:** Bain & Company

**Profile:** Analyst

### **Recruitment Procedure**

1. **Round 1:** Resume Shortlisting.
2. **Round 2:** An online test in which the questions were mostly about case studies. Data Interpretation (DI) is important.
3. **Round 3** was a PPT (Not exactly a round).
4. **Round 4:** The first interview which involved Guesstimates. My guesstimate was - What is the revenue generated by movie theatres in Lucknow in a month?
5. **Round 5:** The second interview which was a pretty detailed case round involving themes like Market Entry, Profitability and Market Share.

### **Sources of Preparation**

1. Not really prepared for it. If possible, start investing in stock markets and you would automatically get all the business knowledge you will ever need in any of these consulting interviews.
2. Also, I had been reading business and policy related newsletters for the last 2 years which indirectly helped me.

### **Courses and Certification**

No courses as such.

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**Sector:** Consultancy

**Name:** Sakshi Gupta (2017A5PS1107P)

**Company:** Bain & Company

**Profile:** Analyst

**Recruitment Procedure**

**1. Resume Shortlisting (Eliminative)**

Out of all the applications, ~100 people were shortlisted for the next round.

**2. Online Test (Eliminative)**

- a. Test had 2 sections – Data interpretation (12 questions) and Business acumen (8 questions). Total time was 60 mins.
- b. Speed maths would be helpful to solve DI questions (difficulty level: easy; intense calculation) and for business questions, sheer common sense is sufficient.
- c. 40-50 students were shortlisted for the next round.

**3. Pre-Placement Talk (Non-Eliminative)**

- a. This was to make the candidates familiar with the company, recruitment process and CoEs
- b. There were 8 CoEs -Corporate Finance and Strategy, Cost Transformation, Commercial Excellence, Data business, Financial Services, Consumer Products & Retail, PEG, Technology-Media-Telecom.
- c. You will have to give preference for the abovementioned CoE.
- d. Case workshop was also organised with the mentors.

**4. Interviews (Eliminative)**

- a. They conducted 3 rounds of interviews, but I had only 2 rounds.
- b. Round 1 was guesstimate (Market size of contact lens in India), questions on my resume.
- c. Round 2 was business and case interview (New Market entry- Mineral water bottle brand who wants to expand into hospitality space), HR questions, questions on CoEs.

**Sources of Preparation**

Business articles, IIMA Case Book, YouTube, PrepLounge

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## Other Relevant Information

1. Practice Case study and guesstimates with your case group
2. Be thorough with your resume.
3. Make sure your interview is more like a conversation rather than an interrogation.

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**Sector:** Consultancy

**Name:** Suman Ghosh (2017A4PS0446P)

**Company:** Bain and Company

**Profile:** Analyst

**Recruitment Procedure:**

**1. Resume shortlisting**

**2. Online test:**

The test had 20 questions (8 decision making questions and 12 data interpretation questions) and was 60 minutes long.

**3. Technical interview 1 (Guesstimate round):**

Basic HR questions and questions on your projects (if relevant). Two guesstimates were asked – Revenue of a taxi driver, Number of patients visiting a government hospital in a day. Questions related to your choice of COE.

**4. Technical interview 2 (Case study round):**

One market entry case (moderate difficulty) was discussed, which lasted for around 40 minutes. A few basic probability questions were also asked.

**Sources of Preparation:**

Case Interviews Cracked, Case books of B-schools – I personally referred to the FMS and IIMA case books. Geeks for Geeks for puzzles.

**Other Relevant Information:**

Fill your COE preferences carefully, because you might be asked to justify your preferences and also questions might be asked on the same.

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**Sector:** Consulting

**Name:** Disha Jain (2016B2A10797P)

**Company:** Bain Capability Network

**Profile:** Analyst

### Recruitment Procedure

**1. Resume Shortlisting round**

**2. Online test:**

Conducted on Hire Pro platform, with proper audio and video proctoring. The test had 20 questions and was 60 minutes long. There were two types of questions -

- a. 8 Case questions- on decision making situations
- b. 12 Data interpretation questions- a bit lengthy, CAT type LR-DI questions can help to practice.

**3. HR + Guesstimate + Case**

- a. Tell me about yourself.
- b. What is your long term goal?
- c. Guesstimate: Estimate the amount of fuel consumed by all vehicles plying in Delhi on a day.
- d. Follow up question on the guesstimate- Suggest some measures for the Delhi government to encourage the usage of eco-friendly vehicles.

**4. Case + guesstimate based interview**

- a. Estimate the number of cargo ships docking on the Indian coasts annually.
- b. Case question: You are to launch a hair removal razor for women. To understand the relevance and the target audience, you have to design a questionnaire. What are the questions you should be including in the same?

### Sources of Preparation

Case Interviews Cracked, Practicing cases in multiple case groups with friends/colleagues (important) and correcting mistakes regularly, Day One, McKinsey PST (for the online test round), CAT DI-LR questions

### Courses and Certification

None were relevant here

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## Other Relevant Information

1. Very important to be conversational during the cases and guesstimates.
2. Be a math friendly person and practice mental math well enough to deal with large numbers errorless during the interviews.
3. Be prepared with answers to a few standard questions – tell me about yourself, why consulting, why Bain, any questions for the interviewer at the end.
4. If asked for CoE preferences before the process, please research a bit about what the CoE does and why you might be interested. Both my interviewers were from my first CoE preference.
5. Be sound in your assumptions and take enough time to structure your thoughts (the interview is quite amicable, so enjoy the process) and make sure your justifications behind assumptions (especially in guesstimates) are communicated well to the interviewer throughout.
6. It's fine if you make a mistake once or twice. Do not let that hamper your case/guesstimate further.



**Sector:** Consultancy / Analytics

**Name:** Gurnoor Singh (2016B2A40813P)

**Company:** Deloitte USI

**Profile:** Business Technology Analyst

### **Recruitment Procedure**

**1. PPT**

**2. Online Test**

Verbal, Quantitative (Data Interpretation and Math) and a coding section which had 2 questions and 60 minutes (DSA), one of which was relatively easy.

**3. Technical Interview**

- a. There may be questions on certain elements of your resume if they're relevant/ the interviewer is interested in them.
- b. I was asked to give an introduction followed by a question about what I did for my PS-2 project which was based on AR.
- c. There was a case study question based on 2 businesses merging having 2 different CRM technologies, based out of Europe and USA, and I was supposed to decide which technology they should use in the future and how they should go about implementing it.
- d. You will be assessed based on your communication skills and logical reasoning abilities.

**4. Behavioural Interview**

- a. There were questions based on my resume and about what I said during my introduction, around my hobbies and interests.
- b. Be quite thorough with whatever you have written on your resume and the impact generated as a result of the projects/internships as well as about what you learnt and witnessed during the internship.
- c. There were other questions such as why I'd want to move over to this role considering what I had done before and what I was looking to get out of it.

### **Sources of Preparation**

Case Study questions (can refer to any book you like) & GeeksforGeeks for coding questions.

### **Other Relevant Information**

Try to do a couple of mock case study questions with your friends as it'll help you get in the groove for the real thing.

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**Sector:** Consulting

**Name:** Ambuj Garg (2016B2A20059P)

**Company:** Indus Insights

**Profile:** Associate

### **Recruitment Procedure**

1. **Online test:** It 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. Guesstimate
2. Test was easy/medium. However, it is important to maintain speed to finish all questions. Last section was a 25 minute guesstimate.
3. **1st Interview :** Guesstimate. You have to be thorough with your segmentation, it's not the numbers but the thought process that is judged.
4. **2nd Interview :** Another Guesstimate.
5. **3rd Interview :** Case Study. The interviewer will guide you in case you are going along some different tangent, but that is not something to be worried about.
6. **HR/ Senior Manager Interview questions:**
  - a. Tell us about yourself.
  - b. Follow up questions from what you answer

### **Sources of Preparation**

1. For the Aptitude test, try Indiabix.com or any other proctored test. The major game is about speed and your calculation accuracy. Questions would be on a basic level.
2. For Guesstimate and case study, one can refer to books like 'Case in Point' and 'Case Interview Cracked'. Also refer to Bain and Mckinsey Youtube videos on case study.

### **Courses and Certification**

No subject as such, but it would be good to have some business management courses.

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## Other Relevant Information

1. Like most of the interviews, the major quality that the interviewer is looking for is the agility in the process of thinking.
2. Try not to be a rebel, but take suggestions constructively and go forward with those in the case interview.
3. Another quality they look for is the communication skills of the candidate.

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**Sector:** Consultancy

**Name:** M.Abhijit (2017ABPS0343P)

**Company:** IQVIA

**Profile:** Assoc Strat Lifesciences

### **Recruitment Procedure**

1. Online Aptitude Test
2. Interview rounds:
  - a. **Guesstimate round** - This round had a typical short puzzle and a guesstimate question.
  - b. **Case study** - The case had both quantitative and qualitative aspects to it and was a representative of a typical project of the company.

### **Sources of Preparation**

1. Popular resources to prepare for case study and guesstimates include Case in Point, Case interviews Cracked and any other such Case preparation books.
2. However, focussing on developing a logical approach to any problem should serve well in interviews.

### **Courses and Certification**

There is no requirement of a specific course/certification. A generally good profile in any domain of choice should suffice.

### **Other Relevant Information**

1. A generic knowledge about typical business problems and a quantitative approach to these problems is ideally suited for the interviews.
2. Should be able to defend your resume/profile well.

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**Sector:** Consultancy

**Name:** Dhivam Pawar (2017A2PS0961P)

**Company:** IQVIA

**Profile:** Financial Investor Consultant

### **Recruitment Procedure**

1. **Online Test:** It 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. Critical reasoning
2. Start preparing for online tests at least 1 month before the start of placement season. It is very important to be quick in solving questions during online tests, otherwise you would find difficulty in getting shortlisted for further rounds.
3. Don't underestimate the aptitude of your fellow BITSians. You would find the same people getting shortlisted in almost every company after online tests.
4. Test was easy. However, it is important to maintain speed to finish all questions. If a test happens on the SHL platform, then there are high chances that questions would repeat. Going back to previous questions is not allowed.
5. **Interview Questions:**
  - a. Tell us about yourself.
  - b. Follow up questions from what you answer.
  - c. I had done a finance internship so a lot of questions were asked about my work.
  - d. Since this profile is of a financial investor consultant, so expect questions on finance topics.
  - e. Also, they look for brevity and clarity in your verbal communication. So, try to answer in a few words and to the point.
6. First round was a resume grilling and guesstimate. Interviewer only looked at my problem-solving skills.
7. Apart from that they had a case study round in which they were looking for your approach to solve the case
8. Although puzzles were not given to me to solve in IQVIA, they were asked from other candidates so be prepared for that. Study all the 44 puzzles from GeeksforGeeks.

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## Sources of Preparation

Prepare for case studies from Case Interview Cracked. Do watch YouTube videos on Case Interview Cracked channel. Also, try to get the paperback edition of Victor Cheng's Case interview secrets and start reading it at least 2 months before placements.

## Courses and Certification

Finance minor

## Other Relevant Information

Just be prepared for the online test. It was the most difficult part to crack during the entire process.

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**Sector: C&A**

**Name:** Aditya Ramachandran (2017A3PS0339P)

**Company:** Landmark Group

**Profile:** Business Analyst

**Recruitment Procedure**

1. **Resume shortlisting**
2. **Online Test:** It had 4 sections:
  - a. English
  - b. Quant
  - c. Reasoning
  - d. Situational (Given a particular situation, how will you respond type questions)
  - e. Test was easy, but it was important to maintain speed to be able to attempt all questions. There was no negative marking.
3. **Technical + HR Questions:**
  - a. Tell us about yourself
  - b. Follow up questions based on your answer
  - c. Resume walkthrough
  - d. Future plans/ambitions
  - e. Technical - Supply chain, retail industry, e-commerce

**Sources of Preparation**

General research on the retail industry and supply chain basics.

**Courses and Certification**

No subjects as such. Supply Chain Management could be useful.

**Other Relevant Information**

A significant portion of the interview revolved around immediate future plans (CAT/MS), so it is important to convince the recruiter that you are looking to join the company given the opportunity.

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**Sector:** Consulting

**Name:** Aditya Ladia (2017ABPS0361P)

**Company:** Merilytics, Hyderabad

**Profile:** Analyst - IT

### **Recruitment Procedure**

#### **1. Online test:**

- a. Section 1 - Data Interpretation, Quantitative Aptitude, and Verbal Ability
- b. Section 2 - Questions on DSA, computer science and programming fundamentals.
- c. Test was easy but it is important to maintain speed to maximize the number of questions attempted within the short time. Both the sections were timed so try to be fast and accurate to ace the test.

#### **2. Technical Interview Questions:**

- a. Tell us about yourself.
- b. Follow up questions from what you answer - for me it was from the projects I did at my PS-2 as a data analyst.
- c. Questions on SQL and Excel on aggregating data.
- d. Puzzle- They care more about the thought process and logic rather than the answer. Have a structured approach to solve the problem and do not guess or make assumptions. Ask for clarifying information if necessary.
- e. Any questions for us? It is good to ask questions to them especially if you have something in mind (relevant enough), otherwise try asking questions to know more (by more I mean not the fundamental ones, this will rather leave a bad impression) about the company and role.
- f. You may also ask for constructive feedback which gives the impression that you look for improvement.

#### **3. HR Interview Questions:**

- a. Tell me about yourself.
- b. Follow up question to explain more about the PS 2 internship and projects.
- c. Questions on projects - what was the tech stack used and how was it accomplished?
- d. Any questions for us?

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## Sources of Preparation

1. SQL - MODE and w3school
2. Python – Kaggle mini course for basics
3. Puzzle – GeeksforGeeks and other resources on the internet.
4. For aptitude you can use good online resources or books targeted for CAT or similar competitive exams and for others like Excel and basic CS & DSA fundamental questions you can use YouTube and Google.
5. Make sure if you are doing some good projects, (especially the ones more relevant to the role) you are thorough about them and explaining them nicely can turn things in your favor.

## Courses and Certification

Nothing specific. I got to learn a lot during my PS-2 and this helped me perform well during the interview.

## Other Relevant Information

1. Interviews are all about knowing you and analysing if you are a good fit for the role. So, try answering questions keeping this in mind.
2. Be honest and confident.

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**Sector:** Consultancy

**Name:** Abhinav Dhaka (2017A1TS0787P)

**Company:** PricewaterhouseCoopers

**Profile:** Consultant

**Recruitment Procedure**

1. First round was resume shortlisting.
2. Shortlisted students had to give an aptitude-based test.
3. On the basis of this test students who scored above a threshold had to give a personality test.
4. Shortlisted students then had to go through 3 eliminative rounds of interviews before getting an offer.

**Sources of Preparation**

No source as such was required for interviews. For the aptitude test, practice some mock tests.

**Courses and Certification**

No courses or certificates as such

**Other Relevant Information**

1. Like most job interviews PwC's interviews were also FIT based rather than SKILL based.
2. You need to be able to convince the recruiter why you wish to join the organization and work in consultancy.
3. To answer this, apart from preparing about that one company, you need to know about other job opportunities specific to your profile and then justify why you want this job among all the choices you have.

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**Sector:** Consultancy

**Name:** Abhimanyu Raj Shekhar (2017A1PS0790P)

**Company:** PricewaterhouseCoopers (PwC)

**Profile:** GRID Energy Consultant

### Recruitment Procedure

1. **Resume Shortlisting**
2. **Online test:** It consisted of 2 parts and was of eliminating nature each time.
  - a. First one was aptitude-based while the second one was a psychometric test.
  - b. Easy to answer, I didn't feel a shortage of time.
  - c. Psychometric test was quite comprehensive.
  - d. In the aptitude test, it wasn't allowed to toggle back to previous questions.
3. **Interview:** It was also divided into 2 parts:
  - a. First one was conducted in a group of 4 students and 2 company directors were there.
  - b. The second one was individually conducted where the Company Partner interviewed us.
  - c. The interview was subsequent and eliminating in nature.
4. **Questions in Director Round:**
  - a. Tell us about yourself.
  - b. State the strengths and weaknesses of the next person to you (since this was conducted in a group of 4).
  - c. Provide your view on the privacy policy of WhatsApp and what do you think of it? (Usually, a current affairs topic is present in this round.)
  - d. What do you think you will be doing as an Energy Consultant in the company? How do you plan to deal with the clients, be it from the government or private companies?
5. **Questions in Partner Round** (The entire conversation was done while the interviewer was travelling in his car):
  - a. Tell me about yourself.
  - b. Can you tell me the reason for your average GPA, what is your class rank? (Important to interpret the BITS grading system and how it is different from other institutes)
  - c. Why do you want to join PwC being a chemical engineer?

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- d. What is sustainability according to you? Can you tell me the industrial instances adopting the 3R principles which we can focus on?
- e. How can you relate the courses you have done in chemical engineering with the profile which is being offered to you?
- f. Are you more inclined to assist with the government reforms as an advisory role or deal with the clients in big private companies as a consultant? Why is that so?

**6. Questions in HR Round:**

- a. Where are you located? What is the major significance of your place, and can you think of any client we can assist there? (There was already a government sector working in my location which was being assisted by PwC!)
- b. Will it be uncomfortable for you to relocate? This profile will need a lot of travelling, so will you be okay with that?
- c. Any questions you have for me? (This is important, always ask about the company and the work.)

**Sources of Preparation:**

The whole process was conversation-based and didn't involve a single guesstimate or any consultancy-based company questions which are typically asked. If you are confident enough about yourself and have effective communication skills which can make an impact, you are good to go without any preparation, just like me.

**Courses and Certification:**

None

**Other Relevant Information:**

GRID profile is a mix of your core studies amalgamated with consultancy skills to make you a better fit for the company. So, it is equally important to be thorough with your major degree and look for its relevance in the industry which can be used by PwC.

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**Sector:** Consultancy/ Analytics.

**Name:** Aniket Avinash Gaikwad (2016B4A30548P)

**Company:** PwC

**Profile:** Technical Consultant

### Recruitment Procedure

1. Online round with **logical reasoning** questions.
2. Online round with **behavioural** questions.
3. **Technical/HR round-1:**
  - a. Simple problem solving questions, give logic for merge-sort.
  - b. Major discussion on my projects, what were the technologies used and what would you change in your project given different scenarios.
  - c. Basic HR questions like why I chose PwC, what my strengths and weaknesses are.
4. **Executive director round:**
  - a. Asked me in depth about my projects and technologies used
  - b. One coding question was asked - find the middle of LL.
  - c. Then asked why I want to go for consulting. A well thought out response to this question was expected. I explained it using one of my projects. That discussion went on for 15-20 minutes.
  - d. Also as I had a project in NLP, asked me to explain NLP and the technologies used.
5. **HR round:**

I was asked location preference and to talk about myself, which lasted 10 minutes.

### Sources of Preparation

As I was mostly preparing for SDE profiles, my main sources of preparation were LeetCode, GeeksforGeeks, and CF

### Courses and Certification

Andrew Ng- Deep Learning Specialization, Coursera

### Other Relevant Information

Be very thorough with your resume as in depth questions are asked from your projects/internships.

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**Sector:** Consultancy

**Name:** Anubhav Goyal (2017A4PS0285P)

**Company:** PWC

**Profile:** Tech Consultant

### **Recruitment Procedure**

- 1. Technical Test**
  - a. Aptitude, Logical Reasoning, Data Interpretation, Quant
  - b. 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.
- 2. Behavioural Test**
  - a. No preparation required
- 3. Technical Interview**
  - a. Basic Coding Questions (arrays, sorting, linked list etc.), situational questions.
  - b. 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.
- 4. Resume Interview**
  - a. Know what is written on your resume
  - b. Know about the company
- 5. HR Interview**
  - a. Tell me about yourself
  - b. Location preferences.

### **Sources of Preparation**

Search for generic puzzles,

### **Courses and Certification**

N/A

### **Other Relevant Information**

Job interview was FIT based rather than SKILL based. You need to be able to convince the recruiter why you wish to join the organization and how you can be a good fit.

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**Sector:** Consultancy

**Name:** Jeet Mehta (2017A4PS0510P)

**Company:** PwC

**Profile:** Analyst - Technology Consulting

### **Recruitment Procedure**

#### **1. Resume Shortlisting**

#### **2. Aptitude test:**

- a. It was a 45 min test with 30 questions on quant and pattern identifying. The test was pretty easy. Going back to previous questions was not allowed. A calculator was allowed for the test.

#### **3. Behavioral test:**

It was a 25 min test wherein questions based on your personality were asked. There were 3 options in each question and one was supposed to rank them in the order that they would find perfect.

#### **4. Interviews:**

- a. There were a total of 3 interviews. The interviews were largely based on the resume and questions like why PwC, why not your core branch, and reasons to enter consulting were asked.
- b. The 2<sup>nd</sup> interview was with the Executive Director of Technology Consulting, India and the 3<sup>rd</sup> one was an HR interview.

### **Sources of Preparation**

I prepared mostly from Case in Point. The first section of the book is enough for preparing for interviews. There are sections like why should one enter consulting, how should one introduce themselves, commonly asked interview questions, and what questions should one ask to have a good impression. This would be more than enough and the book would also prepare you for other consultancy firms.

### **Courses and Certification**

No particular courses are required. I had done an online course on strategy consulting but no questions were asked based on it. You should be thorough with your resume.

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## Other Relevant Information

Generally, consulting firms have guesstimates and case study interviews during their process. If you are preparing for the Consultancy sector then you should practice them.

You should have a pretty good idea of how consulting works and you have to show the interviewer why you are a good fit. Try going through the work the company has done previously through their official website, LinkedIn pages, and news articles.

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**Sector:** IT/Consultancy

**Name:** Kunal Madankumar Dudhavat (2017A8PS0371P)

**Company:** PwC India

**Profile:** Cyber Security Consultant

#### **Recruitment Procedure**

1. The **Online test** had 2 parts – Logical assessment and a Behavioral assessment.
2. The **technical interview** was a detailed resume based discussion. Fundamentals of cyber security were also tested.
3. The **director round** was a general discussion regarding understanding of the role, career aspirations. It was mainly to check if you fit in with the company culture.
4. The **HR round** – General questions like tell me about yourself, why do you want to join PwC were asked.

#### **Sources of Preparation**

Gfg, Interviewbit and Leetcode for DSA. Course slides for OOP, OS.

#### **Courses and Certification**

DSA, OOP, OS

#### **Other Relevant Information**

Be thorough with your resume. Mention skills and projects you are most comfortable with. Prepare for behavioral questions and research well about the role and company you have applied for.

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**Sector:** Consultancy

**Name:** Mohit Kulhari (2017B4PS1206P)

**Company:** PricewaterhouseCoopers (PwC)

**Profile:** Technology Consultant

### **Recruitment Procedure**

#### **1. Aptitude**

- a. It consists of 30 questions within 36 mins and you need to answer all questions while taking accuracy into consideration.
- b. Second round (Psychometric test) or Personality questionnaire(100 questions) You need to take care of time and also be honest with what you are answering as most of the questions were repeated and you need to choose the best of two out of three options. followed by resume shortlisting.

#### **2. Technical round**

- a. The first round was a pure technical one started with introducing yourself and resume grilling, previous internships and projects. Different cases and scenarios given by the interviewer where you need to show your leadership skills and how you can handle work-life balance and also about how you can use new emerging technologies like Iot and Cloud computing and asked about softwares and concepts which I used in projects during my internships.
- b. Second round was technical cum HR with questions like: Why PWC? Why Consulting? , future plans.

#### **3. HR Round**

The 3rd round was the HR round. All the questions were about me, my family background, etc.

### **Sources of Preparation:**

Geeksforgeeks, IndiaBix and Interviewbit.

### **Courses and Certification:**

Machine Learning and other Data Science Courses, Python, SQL.

### **Other Relevant Information:**

Aptitude training, Interview Questions, Coding Practice (Python, SQL, etc.) also Consulting placement is mainly based upon your resume so be aware of each and every line written on your resume.

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**Sector:** Consultancy

**Name:** Manas Srivastava (2016B3A30475P)

**Company:** PricewaterhouseCoopers

**Profile:** Management Consultant

### **Recruitment Procedure**

- 1. Resume Shortlisting**
- 2. Online Test:** It had 4 sections:
  - a. Verbal Ability
  - b. Data Interpretation
  - c. Quant
  - d. Situation based
- 3. Interviews:**
  - a. First round was a general questions round with a few questions about your motivations to join the Consulting industry and a few profile based questions.
  - b. Second round was a Case Study round with an in-depth case given in relation to your branch of study.
  - c. HR round- Questions about yourself and your aspirations. Prepare a good answer to 'Tell me about yourself'.
  - d. **NOTE:** All the rounds were eliminatory so give each one the best preparation. Test was easy. However, it is important to maintain speed to finish all questions and minimize any silly mistakes.

### **Sources of Preparation**

Case in Point, Day one, Case Interviews Cracked, Youtube videos for case study mannerisms.

### **Courses and Certification**

No specific courses necessary. Any proficiency in R and SQL could be helpful to flaunt your software skills.

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**Sector:** Consultancy

**Name:** Ritik Gupta (2017A1PS0837P)

**Company:** PwC

**Profile:** Consultant/Associate – (GRID O&G)

**Recruitment Procedure:**

PwC came for multiple roles and the recruitment procedure was the same for every role.

Applying for multiple roles was allowed.

**1. Resume Shortlisting**

**2. Online test :**

It was an aptitude test, and a lot of pattern recognition questions were asked along with the regular quant, verbal, and logical reasoning questions. Test was easy but maintaining speed was very important. This was an **eliminator** round.

**3. Personality test :**

It included questions like what excites you the most among the following and which of these best describes you in which certain situations were given as options. Every question had 3 options and once you have chosen the option which best describes you that option was removed, and now you have to choose the best among the two which are left in every question. You must maintain the consistency in your answers as the questions will start repeating in some form after some time. The test was not timed. This was an **eliminator** round.

**4. After this, candidates were shortlisted for interviews for different roles by the company. Applying for more than one role was allowed but it was the company who decided which candidate will be interviewed for which role.**

**5. Interview Round 1**

**a.** The interview was with the panel consisting of Associate Directors from PwC.

Interview was mostly resume based and few questions on Why Consulting?

**b.** They didn't ask any question on my POR and the main focus was on the technical aspect of my projects and internships. However, you can cite a few examples from your POR experience to make your case stronger. This was again an **elimination** round.

**6. Interview Round 2**

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- a. It was with one of the Partners of PwC. This round didn't focus much on technical aspects. Rather, he was trying to judge your personality and behaviour in different situations.
  - b. Most of the people shortlisted for this round cleared the round.
7. **HR** was just a formality. He asked me to give my introduction, why consulting? and clarify your doubts about your job and salary if you have any.

### **Sources of Preparation**

Puzzles from Geeks and Geeks, Case Interviews Cracked and Victor Cheng Videos, Sql from w3schools.com. Also go through your PS1 and PS2 reports to refresh the things in your mind.

### **Courses and Certification :**

None

### **Other Relevant Information**

Read the JD very properly. Be clear with your core concepts and the projects. Have answers for basic HR questions and why that job role specifically beforehand as figuring out a structured answer during the interview might be difficult at times.

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**Sector:** Consultancy/Analytics.

**Name:** Souvik Roy (2017A4PS0460P)

**Company:** PricewaterhouseCoopers (PwC)

**Profile:** Technology Consultant

### **Recruitment Procedure**

1. The process consisted of an online aptitude test based on general ability followed by a Personality Questionnaire. Post that there were three rounds of interview, first two being technical interview followed by HR interview.
2. The test consisted of questions from quants, data interpretation and verbal ability. The total time allotted was 46 minutes. The personality questionnaire was based on questions like what best describes you followed by three options out of which the best two options were to be selected. This test was not timed.
3. The interviews were based mostly on our resumes where we were asked questions like why consulting and why PwC. I was asked about my favourite subject, background, location preference etc. The HR round was a decent one where we were asked about our strengths and extracurricular activities in college.

### **Sources of Preparation**

Interview questions, brush up your basics for quants and data interpretation, and be thorough with your resume.

### **Courses and Certification**

I had certification from Udemy in SQL and Yellow belt Specialization from Coursera in Lean Six Sigma

### **Other Relevant Information**

Be thorough with your projects and do read about PwC before sitting for an interview

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**Sector:** Consultancy

**Name:** Vibhor Sharda (2017A4PS0424P)

**Company:** PricewaterhouseCoopers (PwC)

**Profile:** Technical Consultant

### **Recruitment Procedure**

1. **Resume Shortlisting**
2. **Online test:** It had questions related to the following topics:
  - a. Data Interpretation
  - b. Quant
  - c. Pictorial puzzles
  - d. Test was easy. However, it is important to maintain speed to finish all questions. The second test had personality related questions; candidates had to choose the option which best describes his/her personality.
3. **Interview Questions:**
  - a. Tell us about yourself
  - b. Follow up questions from what you answer
  - c. Puzzle/ Situation Based - They care more about the thought process and logic rather than the answer. Have a structured approach to solve the problem. Ask for clarifying information or assumptions if necessary.
4. Solving the puzzle/having a logical approach to it is very important for the selection.

### **Sources of Preparation**

Search for generic puzzles, also study case in point for guesstimates and case based questions to develop your thinking process. Be thorough with your profile.

### **Courses and Certification**

No subject as such. Interns were asked easy questions on coding (just the thought process). Go through your projects and internships.

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**Sector:** Consultancy

**Name:** Abhishek Jha (2017A2PS0071P)

**Company:** Zinnov Management Consulting Pvt. Ltd.

**Profile:** Associate Consultant

### **Recruitment Procedure**

**1. Resume shortlisting**

**2. Group Discussion:**

It was a 7-minute group discussion where 1 minute was given to think about the topic. The topic was related to current events.

**3. Technical rounds :**

- a. 1<sup>st</sup> round – It was a guesstimate round.
- b. 2<sup>nd</sup> round – In this round, the whole discussion revolved around my projects and internships. A detailed conversation happened about the technical skills that I had mentioned in my resume and how they would be relevant for the firm.
- c. 3<sup>rd</sup> round – It was a case study round where I was asked to go through the websites of two growing startups and discuss the similarities and dissimilarities between their operating models.

### **Sources of Preparation**

Practice various guesstimate problems. Go through different case studies to understand the procedure and methods to tackle case study problems.

### **Courses and Certification**

No specialization is required in any field. The firm analyses applicants on the basis of their problem-solving skills. If there is any course related to this, then it can be taken.

### **Other Relevant Information**

1. Get all possible information about the company and the profile before the interview and try to link your skills and projects with the role they are offering.
2. Mention only relevant things in your resume and have proper knowledge of everything that you are mentioning.

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**Sector:** Consultancy

**Name:** Siddharth Karandikar (2017A2TS1017P)

**Company:** Zinnov

**Profile:** Associate Consultant

**Recruitment Procedure**

1. Resume Shortlisting.
2. In GD we were given a topic related to farm bill protests.
3. In each interview round, questions were asked on resume, why you want to come to Zinnov, and why you chose consulting.
4. A case study was asked in each round. In the final round, they also asked strengths and weaknesses.

**Sources of Preparation**

1. Case Interviews Cracked
2. YouTube videos on product and business case interviews

**Courses and Certification**

They are not required.

**Other Relevant Information**

Try to be confident.

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**Sector:** Consultancy

**Name:** Aashish Aggarwal (2016B3A10578P)

**Company:** ZS Associates

**Profile:** DAA

### **Recruitment Procedure**

#### **1. Phase 1:**

- a. Has three tests: MCQ (Aptitude and English) test, PSDD Test or Data interpretation Test, Video Interview
- b. All three tests happen one after the other. Each test has its time limit.
- c. While the first two tests are self-explanatory, the third test or the interview isn't taken by anyone but the computer itself. It has several general situation-based questions, not technical, and you're given a 3-minute window to answer the question while your video is being recorded.
- d. The tests are easy. Just maintain your speed and manage the time well.

#### **2. Phase 2:**

- a. Case Study round, case study debrief and guesstimates interview, EBI+FIT or the behavioural interview.
- b. The case study round is more of a Data Interpretation test where you have to answer the questions backed by the data provided.
- c. In the case study debrief round, the interviewer will discuss your approach for each question solved. He might ask a few general questions. What the interviewer will definitely ask are one or two guesstimates. Hence practice a fair amount of them beforehand.
- d. The approach matters in this round. Hence try to be clear about that. Take a couple of minutes, organize your thoughts and approach, and then explain.
- e. The third round for EBI+FIT is an easy but tricky one where a senior employee of the organization interviews you. Try to align yourself with the job profile and job sector, and the questions will be general situation based. They might ask a puzzle or a guesstimate question.

### **Sources of Preparation**

Search for generic puzzles, for case studies, look into Case-in-Point, also look into YouTube videos for Guesstimates approaches and case studies interpretation.

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**Sector:** Consultancy

**Name:** Perna Baranwal (2016B4A80568P)

**Company:** ZS Associates

**Profile:** Decision Analytics Associate

**Recruitment Procedure**

1. Pre placement talk
2. Problem solving deep dive
3. Video interview
4. Case Study Interview
5. Behavioural Interview

**Note:** Each round was an elimination round.

**Sources of Preparation**

Did no preparation. Had studied mental ability for scholarship exams during high school. This might have helped

**Courses and Certification**

Nothing as such. Had a preexisting research profile.

**Other Relevant Information**

Read about the company before the interview, and be ready to explain the link between your CV and the profile offered. Had no prior experience in consultancy. It is not a GPA centric company.

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Domain:  
**ET**

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**Sector:** ET

**Name:** Aman Anand (2017A3PS0362P)

**Company:** Philips

**Profile:** Electrical Engineer

### **Recruitment Procedure**

#### **1. Written Round** with 2 sections:

- a. **Aptitude Section:** It had a lot of components that are present in general Mettl tests such as logical questions, verbal questions and data interpretation. It was not very difficult to solve.
- b. **Electrical Section:** It had a lot of questions, somewhere around 35, from various courses in the electrical domain, including simple ones from Electrical Sciences, Emac, EMT to Analog Devices. You might not be able to recollect all but have a basic understanding of almost all the courses taught.

#### **2. Technical Interview**

- a. They asked a lot of questions, starting from your knowledge of the role, about Philips and from your CV.
- b. They will then dive into whatever domain you are interested in such as analog or digital and ask a lot of questions from that.
- c. They also ask a few questions from other domains but the major focus is on your domain.

#### **3. HR Interview:** The HR round is pretty easy with general questions about you, your work and about the job being asked. Just try to answer confidently and do not take this round as an interview.

### **Sources of Preparation**

Study about the role, about the firm and have a basic recollection of all the important courses taught in second and third year. You can revise from the book or from your notes.

### **Courses and Certification**

No subject as such. There will be questions on your CV, so have a thorough understanding of that.

### **Other Relevant Information**

The HR was pretty adamant about the students studying about the firm and coming which helped a lot in the interview.

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**Sector:** ET

**Name:** Mainak Mandal (2017A3PS0259P)

**Company:** Philips Healthcare

**Profile:** Electrical Engineer - Supplier Transfer Excellence Team (STET)

**Recruitment Procedure**

1. **Online Test** had 3 sections:
  - a. Verbal Reasoning, Mathematical Reasoning and Technical Section (subject asked varied depending on the profile, EEE or Mechanical Engineer)
  - b. Verbal and mathematical reasoning sections were fairly simple.
  - c. Questions in the technical section (EEE) were based largely on Electrical Sciences, with few questions from Electrical Machines, Digital Design and Analog Electronics. Simpler questions than at most other ET companies.
  - d. Total duration: 45 minutes.
2. **Technical interview** will be challenging. Interviewers will largely stick to whatever is on your resume, but it is very important to be thorough with *everything* you put on it, including the courses mentioned, projects done, and work experience (PS I, PS II, summer internships, other work ex. if any). Some questions I was asked included:
  - a. Mention few parameters of an Op-Amp
  - b. Make a digital circuit whose input is a clock of frequency  $f$  and output is a clock of frequency  $2f$
  - c. What effect does reducing the thickness of a MOSFET have on threshold voltage?
  - d. Which of the two, BJT or MOSFET, performs poorer than the other with noisy input?
  - e. What are neural networks? Name any two types of neural networks. (asked largely because of one project I had mentioned)
3. **HR Interview** had the following questions:
  - a. Tell us about yourself, your family
  - b. Where do you see yourself in the next 5 years?
  - c. Do you/Why don't you have any plans for higher studies?
  - d. What do you expect out of this job for yourself, from your team, and from the company?

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**Sector:** ET

**Name:** Kumar Divij (2016B4A30606P)

**Company:** Signalchip

**Profile:** FPGA Systems Engineer

### Recruitment Procedure

1. **Pre-placement talk**
2. **Online Test** had 4 sections:
  - a. Aptitude: Probability and Statistics, Counting, Permutation and Combinations, Number Theory
  - b. Digital Electronics: Previous Year GATE questions, Static Timing Analysis
  - c. Analog Electronics: RC Circuits, basic microelectronics
  - d. Computer Programming: Pointer Arithmetic, Data structures such as stacks, queues, heaps (at least 8 questions on Data Structures), memory allocation etc.
3. Aptitude Mathematics was tough. Digital Design was easy if you are well versed in Digital Design by Morris Mano. Computer Programming questions were moderate, we were not required to write the code for a problem statement, rather answer the question based on the provided code snippet.
4. **Interview Round 1- Technical Round:** The interview was very extensive and 3 hours long.
  - a. Questions on Digital Electronics:
    - i. What is an LFSR? Given a polynomial, draw the logic diagram of the LFSR.
      1. After I showed the diagram I was asked to write syntactically and logically correct code for it in Verilog over a shared Google docs.
      2. Then I was asked to build a simple 8-bit encryption system from the LFSR (the logic was given to me by the panelist in the form of a block diagram and I had to code it in Verilog).
    - ii. Draw a block diagram of 4 bit full-adder.
      1. Make changes in the same block diagram to make it a subtractor
      2. Make changes in the current subtractor to make a 4-bit comparator
      3. Use the 4 bit comparator to make a block, say BLOCK-1, which has 2 4-bit input and 2 4-bit outputs. The first output bus gives the higher of the two numbers and the second output pin gives the

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- lower of the two.
4. Use BLOCK-1 to design BLOCK-2 which takes 4 4-bit numbers as input and gives 4 4-bit numbers as output such that the first 4-bit output port has the highest number out of the four 4-bit input numbers, the 2nd output port has the 2nd highest and so on.
- iii. If you have to measure all weights 1 kg to 40 kgs from weight blocks in range [1kg, 40kg] all multiples of whole 1 kg blocks. What should be the minimum set of weights you should carry and such that you can measure all weights from 1 to 40 kgs?
  - iv. Given a basket of ropes such that all ropes are different with respect to weight distribution, material of rope, size, length etc. The only thing common to them is they completely burn off in exactly 1 hour when lighted from 1 end. How can you measure 45 minutes?
  - v. What is Setup time? What is Hold time? What is the reason that setup times and hold time restrictions occur?
    1. Should we measure Setup time at high temperatures and Hold time at low temperatures if yes then why?
    2. A 2- flip flop circuit was given and I was asked to calculate the maximum clock frequency it could work on.
    3. I was asked to calculate whether hold time was violated or not.
    4. Buffers were added in various clock and data paths one by one and I was asked to re-check and if required ways to correct the setup time and hold time violations.
    5. If out of the two flip-flops the capture flop (the second flop) is provided with the negative flop then at what clock frequency would the current system work?
- b. Questions on Analog Electronics:
- i. I was given a first order RC circuit ( figure: <https://imgur.com/a/kzZu5jP>) and I was asked to plot the output at node A for a unit step response at Vin.
    1. The capacitor value was doubled and I was asked to reflect changes in the graph.
    2. Then the figure was changed to this: <https://imgur.com/a/rk96HUV> and I was asked to plot the output at A.
  - ii. Personal Questions (In the same round)



- c. Questions on ranks and CGPA:
  - i. I was asked to justify my JEE Mains and Advanced Rank
  - ii. I was asked to justify my CGPA
- 5. After the first round I was told that I was eligible for the Technical Round 2 but after an hour I was informed that the next round would be a final round by the CEO.
- 6. **Interview Round 2- CEO Round:** This was just like a HR Round, it was a short 20-minute round.
  - a. I was asked about myself and what interested me.
  - b. I was asked when I would be pursuing my Master's Degree.

### Sources of Preparation

- 1. Part 1: Courses
  - a. Digital Electronics:
    - i. Digital Design by Morris Mano: This is the bible of Digital Design, read this book thoroughly.
    - ii. Static Timing Analysis: Read all the parts at least from 2.1 to 2.6c from the website:  
<http://www.vlsi-expert.com/2011/03/static-timing-analysis-sta-basic-timing.html> This is the best source that I know for mastering static timing analysis.
  - b. ADVD (Digital):
    - i. Each lecture by Dr. Anu Gupta ma'am.
    - ii. Digital Integrated circuits by Jan Rabaey: The inverter, noise margins and various combinational logic design styles with respect to: Power, Area and Speed.
  - c. ADVD (Analog):
    - i. Each lecture by Dr. Anu Gupta ma'am.
    - ii. Lecture Series on Analog Integrated Circuits at UC Berkeley:  
[https://www.youtube.com/watch?v=Arj2FVD71gs&ab\\_channel=HarryMay](https://www.youtube.com/watch?v=Arj2FVD71gs&ab_channel=HarryMay), this series is quite extensive so approach this only if you have 4-5 months of time at hand.
  - d. Electronic Devices:  
Lecture Series on Integrated Circuit Devices or Electronic Devices at UC Berkeley:

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<http://www.infocobuild.com/education/audio-video-courses/electronics/EE130-Spring2014-Berkeley/lecture-01.html>, this series is quite extensive so approach this only if you have 4-5 months of time at hand.

- e. Computer Architecture:  
Lectures by Gurunarayan Sir would be sufficient, and try to solve the lab assignments and projects on Verilog all by yourself.
2. Part 2: Questions
  - a. <https://academyera.com/digital-circuits-subject-wise>
  - b. <https://academyera.com/analog-circuits-subject-wise>
  - c. <https://academyera.com/electronic-devices-and-circuits-gate-questions-subject-wise>
  - d. <https://www.sanfoundry.com/vlsi-questions-answers-latch-up-in-cmos/>
  - e. <https://www.sanfoundry.com/1000-digital-circuits-questions-answers/>
  - f. All the exercises at the end of each chapter of Morris Mano
3. Revise all the projects on the resume and don't mention anything you can't explain when asked about.

## Courses and Certification

All EEE Compulsory Disciplinary Courses and following electives:

1. Computer Architecture: This would help you grasp the concepts of Verilog through lab assignments and projects, provided you do it on your own so that you can solve the task at hand during the interview confidently.
2. Digital Signal Processing

## Other Relevant Information

1. Plan out your schedule and put a consistent effort rather than sprinting for it at the final moment.
2. Practice enough questions and focus on the concepts. Questions would uncover gaps in your understanding so practicing them is as important as learning new concepts

All the very best!

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**Sector:** ET

**Name:** Aman Shukla (2017A8PS0436P)

**Company:** Micron Technology

**Profile:** Analog Design Engineer

### **Recruitment Procedure**

1. Online Test, Technical Interviews
2. **Online test:**
  - a. Had 5 sections, namely Digital Design and Aptitude which were compulsory for all roles.
  - b. Analog, Verilog and CAD sections were to be attempted according to the role you wanted to apply for. I personally attempted all sections.
  - c. Questions in the test were basic electronics questions from previous year GATE papers and other popular books.
  - d. Prepare digital especially well, so that at least a few questions will be familiar and you don't need to solve each one.
3. There were 3 technical interview rounds each lasting more than an hour. Questions asked were based on essential concepts but hold on all concepts should be robust.
4. No separate HR round, although the last round had a few HR-based questions.

### **Sources of Preparation**

1. Did previous year GATE papers thoroughly; it is the most important source for preparation.
2. I read text books of related subjects like VLSI Design and Digital Design repeatedly for clarification of basics and approach to design philosophy.
3. I also revised whatever projects I had done sincerely.

### **Courses and Certification**

Microelectronics, Digital Design, Analog and Digital VLSI Design, Verilog(or any other HDL language), Electronic Devices

### **Other Relevant Information**

1. Include good projects related to electronics hardware in your C.V.
2. Stay confident and stick to basics while answering interview questions.
3. Subtly convey to the interviewers your passion for your domain.

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**Sector:** ET

**Name:** Kislaya Kumar (2016B2A30754P)

**Company:** Micron

**Profile:** Semiconductor Engineer

### **Recruitment Procedure**

1. **Online Test** – 4 sections: General Aptitude, Digital design, system Verilog, general coding questions (MCQ). Mainly, the aptitude and digital sections were considered.
2. **Interview - 2 rounds**
  - a. First round was technical:
  - b. The interviewer asked me questions on body bias effect, Verilog and digital design.
  - c. He took around 15 minutes for each topic and kept going into more and more detail within that topic. He kept giving hints whenever I got stuck and was pretty helpful.
  - d. The main thing to keep in mind is to keep talking during the interview. Even if you may be wrong, try and reason out some logical explanation for what you feel is the right answer.
  - e. Second round was also technical, but here the interviewer asked me to explain in great detail any 1 project in my resume.

### **Sources of Preparation**

Digital Design notes/online tutorials, Verilog, Electronic Devices textbook (Ben Streetman)

### **Courses and Certification**

Be thorough with concepts relating to the digital domain.

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**Sector:** ET

**Name:** Vishnu Narayanan (2017A8PS0356P)

**Company:** Micron

**Profile:** Semiconductor Engineer

### **Recruitment Procedure**

1. **Online Test** consisted of 4 sections. Switching between the sections was not allowed. Each section had a time limit. Switching to different questions within a section was allowed.
  - a. Digital Electronics: 20 Questions, 20 Minutes
  - b. Programming: 15 Questions, 20 Minutes.
  - c. Verilog: 15 Questions, 15 Minutes.
  - d. Aptitude: 20 Questions, 20 Minutes
2. **Technical Interview 1:**
  - a. I was asked to introduce myself.
  - b. The next few questions were about my academic interests.
  - c. Question related to Nyquist criterion for sampling was asked.
  - d. The question that followed was about implementing a circuit from scratch which converts Analog signal into Digital signal, keeping the Nyquist criterion in mind.
3. **Technical interview 2:**
  - a. All the questions were to be answered on a virtual white board. In this interview, the interviewer drew circuit diagrams and I had to solve it on the board.
  - b. Again, I was asked to introduce myself and mention my academic interests.
  - c. Questions were related to:
    - i. My ADVD assignments
    - ii. Differential amplifiers: Dominant pole, gains of amplifier with modified load.
    - iii. Bode plots: Pole-zero analysis, bandwidth.
    - iv. Semiconductor physics: Capacitances and their sources in MOSFET.
    - v. Digital Design: The input and output plots were provided, combinational circuit had to be designed.

### **Sources of Preparation**

1. Digital Design: Morris Mano, Neso Academy YouTube channel for revision.

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2. Digital VLSI Design: Rabaey or Kang, Class Notes, Lecture Slides and notes.
3. Analog VLSI Design: Razavi (Design of Analog CMOS Integrated circuits), Lecture Slides and Notes.
4. Static timing analysis: [www.vlsi-expert.com](http://www.vlsi-expert.com)

### Courses and Certification

The CDCs are sufficient.

### Other Relevant Information

Make sure you put out your thought process while solving the questions. It is important that the interviewer knows your approach to the problem.

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**Sector:** ET

**Name:** Abhishek Tyagi (2017A3PS0323P)

**Company:** Samsung Semiconductors Bangalore(SSIR)

**Profile:** ASIC Engineer

### **Recruitment Procedure**

#### **1. Online Test**

- a. Had a variety of questions from all the core topics related to digital: ES, DD, MuP, ADVD CMOS LOGIC, Computer Architecture.
- b. Test was easy, however there were a lot of questions and one needs to attempt with a lot of speed to get through them all.

#### **2. Interview Technical Round 1:**

- a. Questions were based on Verilog, DD, MuP, Basic programming and a few about Aptitude.
- b. The interview went on for an hour.
- c. One needs to have a good grip over DD and Verilog since most of the questions were not direct and required significant thinking.

#### **3. Interview Technical Round 2** was very easy, basically my resume was discussed and questions regarding the same were asked. Basic Programming and Aptitude questions were also asked.

#### **4. HR Interview** is very simple. Just prepare for questions like:

- a. Which is your dream company?
- b. What are your MS Plans, if any?
- c. Describe yourself in 3 words.

### **Sources of Preparation**

1. For DD - <https://youtu.be/CeD2L6KbtVM>
2. For MuP – The video lectures from Dr Anupama of Goa campus are more than enough.
3. Attempting all Digital questions from previous GATE exams is necessary. Most companies just pick the questions from the previous years' GATE papers:  
<https://www.youtube.com/user/gatepaper>
4. For Semiconductor Basics and ADVD Digital Part - <https://youtu.be/pI0pLx6oPd8>
5. Static Timing Analysis - <http://www.vlsi-expert.com/>
6. RLC Analysis - [https://www.youtube.com/channel/UCbASDVRKAJByMa5rz6Uv\\_lw](https://www.youtube.com/channel/UCbASDVRKAJByMa5rz6Uv_lw)

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## Courses and Certification

None as such.

## Other Relevant Information

1. One should know about the ASIC Design Flow in brief.
2. Be aware of what you put in your resume since you will be shortlisted for a specific job profile accordingly.

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**Sector:** ET

**Name:** Rittvik Saran J(2017A8PS0251P)

**Company:** Silicon Labs

**Profile:** Software engineer

**Recruitment Procedure**

1. **Resume Shortlisting:** Based on relevant projects and other work.
2. **Interview:** 2 technical rounds , a digital design based interview and a Programming interview

**Sources of Preparation**

1. Digital design course textbook by Morris R. Mano
2. Embedded C or any other equivalent language for coding ARM low-power microcontrollers and nodes.
3. Embedded C course on youtube that I used for reference-[here](#)

**Courses and Certification**

Digital Design would be necessary. Operating Systems and Computer Architecture would be really helpful

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# Domain: **IT**

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**Sector: IT**

**Name:** Lokesh Lakhoita ( 2016B3A70477P)

**Company:** Alphonso Inc

**Profile:** Technologist ( Software Engineer )

**Recruitment Procedure:**

**1. Online test:**

- a. It was a 2.5-hour test with sectional time limits. The platform was Hackerrank.
- b. Section I & II: MCQs and Multicorrect MCQs, on CS fundamentals but long comprehensive problems, ML-based questions.
- c. Section III: Subjective questions, given a situation, explain the possible solution. For example, find the outcome and possible errors in a code, find the issue in a cache implementation of the server, etc.
- d. Section IV: 2 coding questions in 25 mins. One similar to Next Greater Element and the other DFS based.
- e. Section V: 2 coding questions in 60~70 mins. One tricky BFS question and the other based on level order traversal of the binary tree.
- f. Cutoff: I solved all the coding questions, but people who solved 2 questions and some partial questions were also shortlisted. We were advised to write the approach for all the questions. Performance in other sections was also a major factor taken into consideration.

**2. Round 1 (1 hour):**

- a. Was asked 3 coding questions, the level was medium only. Was asked to code in google docs ( be prepared).
- b. Question-1: Given a binary matrix, find the size of the largest X formed by 1s.
- c. Question 2: <https://leetcode.com/problems/path-sum-iii/>
- d. Question 3: <https://www.geeksforgeeks.org/roots-tree-gives-minimum-height/>
- e. Try to solve the questions as quickly as you can, do not waste time in explaining the brute force. Give a brief explanation of the brute force and then proceed to improve it.
- f. Before writing code, dry run the approach with a test case and make sure you explicitly mention the time and space complexities of all of your approaches.

**3. Round 2**

- a. This was a technical round.

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- b. Duration: 1.30 - 2 hours. Was asked in-depth questions on DBMS, OS, Networking, System Design( basic), and PS2 project.
- c. Design WhatsApp or similar message broadcasting ( basic level).
- d. Semaphore related questions ( how to run programs in a particular order, very similar to questions asked in midterms but with an added story).
- e. Multithreading, Multitasking and Multiprogramming ( How, when and where to use, when not to use, etc )
- f. Internship project discussion in depth.
- g. Identify the anomalies in the DB and rectify them ( Normalisation etc).
- h. Caching related problems.
- i. They were trying to test how you approach a problem, even if the candidate doesn't know the answer but the approach and build-up towards the solutions were important. Some students were rejected after these rounds.

#### 4. Culture Fit Round

- a. This round was with the co-founder of Alphonso( got to know this later) and one employee.
- b. They were looking for a candid interview and were trying to gauge how “friendly” the candidate is.
- c. **Discussion on PS2 projects:** I tried to answer such questions by covering these points: What was the project, what impact my work had in the company, and how much of the ownership I had for the project. Followed with extracurricular activities which were mixed with template HR questions like what are your strengths and weaknesses, regrets, and accomplishments in life.
- d. **Company fit Questions:** I highly recommend thoroughly preparing for these HR or managerial rounds, have a script or bullet points on college projects/template HR questions, and have a story related to each project/question, why, and how you did that project. Make sure you are well prepared to answer HR questions confidently and according to the company culture( read about what qualities they look for in candidates).

#### Sources of Preparation:

1. DSA: Geekforgeeks, LeetCode(the best source), CodeChef (CCDSAP), CP- algorithms for each topic's problems and implementation, Codeforces.
2. CS Fundamentals: Make sure you revise everything. Lecture slides and online content on each subject. Search and make notes for frequently asked interview questions and topics.

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3. Cover basic projects and the technologies used in past internships.

**Courses and Certification:**

DSA, OOP, OS, DBMS, Networks.

**Other Relevant Information:**

Feel free to reach out for additional information.

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**Sector:** IT

**Name:** Ishaan Tiwari (2017A3PS0866P)

**Company:** Amazon

**Profile:** SDE

### Recruitment Procedure

1. Online Test, 3 Technical Interviews.
2. **Online Test:** 4 sections, 3 of which had individual time limits:
  - a. Code Debugging [20 minutes]
  - b. Coding Round (2 Questions) [70 minutes]
    - i. [Count number of pairs with the given sum](#)
    - ii. [Clone a Linked List with next and random pointer](#)
  - c. Logical Reasoning [35 mins]
  - d. Workstyle Assessment [-]
  - e. The assessment was easy and there was ample time given for each section.
3. **Technical Interview:** 1-2 coding questions
  - a. [Find the minimum length substring that contains all characters of a given string](#)
  - b. [0-1 knapsack problem](#) (direct)
4. **Technical Interview 2:** Resume discussion, course-based questions, 2 coding questions
  - a. Pick an item on your resume and give an overview of the same (followed by a discussion on the details as well as the tech stack used)
  - b. Pick your favourite course you learnt on campus and tell me about a recent development in the same (followed by basic definitions and real-world applications of concepts)

**Building Bridges** (first with one array being sorted and then with both arrays being unsorted)

5. **Technical Interview 3:** 1 coding question followed by behavioural questions
  - a. [Populate the “next” pointers of a Binary Tree](#)
  - b. Behavioural questions:
    - i. Tell me about a time when you took a risk in a time-constrained environment
    - ii. Tell me about a time when you set a high goal for yourself
    - iii. Tell me about a time when you had to work with a tight deadline
    - iv. Tell me about a time when you went “above and beyond”

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- c. The behavioural questions are supposed to be answered based on situations you have already experienced, they are not hypothetical scenarios.

### Sources of Preparation

GeeksforGeeks archives (★), InterviewBit/LeetCode, Amazon's jobs portal

### Courses and Certification

I was asked questions from DSA, OOP, and DBMS. The questions they asked are based more on your experience and/or preferences rather than the BITS Pilani coursework you have done officially. Competitive coding was the main focus overall.

### Other Relevant Information

1. For the coding questions, the interviewer will expect the most efficient and optimal solution that they know of. They also expect you to be able to write clean and error-free code without taking multiple attempts to do the same.
2. The leadership principles are extremely important for the final round. Make sure you prepare for the standard behavioural questions beforehand and map your answers for these questions to one or more of Amazon's leadership principles.
3. The questions asked were not purely course-work based. Be prepared for questions on the recent developments in the tech stack you have used/courses you mention in your resume.



**Sector: IT**

**Name:** Khushi Gupta (2017A3PS0267P)

**Company:** Amazon

**Profile:** SDE

**Recruitment Procedure**

1. 4 rounds: 1 Coding Round and 3 Technical + Behavioural Interviews.
2. **Coding Round:** 4 sections
  - a. Debug the code
  - b. Aptitude Questions
  - c. Cultural Fit: Based on leadership principles of Amazon
  - d. Coding questions: 2 easy coding questions, different for everyone
    - i. Merge two linked lists.
    - ii. Clone a linked list with an arbitrary pointer.
3. **Technical + Behavioural interviews:** 2 DSA questions along with some behavioural questions.
4. **Technical questions:**
  - a. Celebrity problem: Given a set of people, find which person is the celebrity (a person known to all but he knows no one).
  - b. Mobile numeric keypad problem: You are given a mobile keypad and a number n, i.e., the number of moves. You can move either left, right, up, or bottom. Find the maximum number of mobile numbers that can be generated in “n” moves. Important- You cannot choose key “#” and “\*”.
  - c. Check if the given binary tree is a BST.
  - d. LRU Cache: What is LRU, where is it used, what data structures and algorithms will be used in its implementation and time complexities.
  - e. Level order traversal of the tree
  - f. Find if the tasks can be completed given a set of tasks and their dependencies (Topological Sort)
5. **Behavioural questions:** Introduction to internship experiences; in-depth discussion on projects.

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### **Sources of Preparation**

GeeksForGeeks, LeetCode, InterviewBit

### **Courses and Certification**

OOP, OS, DSA

### **Other Relevant Information**

1. The interviews focused primarily on DSA concepts.
2. Read the company's leadership principles and the interview archives on GeeksForGeeks before the interview.

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**Sector: IT**

**Name:** Yaswanth Kumar Rayapati (2017A7PS0038P)

**Company:** Barclays

**Profile:** Senior Analyst(BA4)

**Recruitment Procedure:**

1. Online Test Round 1:
  - a. The first round followed a narrative that assessed strengths and weaknesses in your soft skills and data analysis skills.
2. Online Test Round 2:
  - a. The second round followed the same narrative from the previous round, but it was a video assessment round. Additionally, there was one coding question. A video recording explaining the code was to be submitted at the end.
3. Interview Round 1:
  - a. In-depth questions on technologies used in projects, and internships done.
  - b. Extensive assessment on how you would proceed if a certain problem arose with justification.
4. Interview Round2:
  - a. This was a stress round. Questions varied from basic OOP concepts to advanced computer science topics like Network Security and Cloud Computing. Staying calm throughout the round was more important than answering all questions.

**Sources of Preparation:**

GFG, LeetCode

**Courses and Certification:**

OOP, DSA

**Other Relevant Information:**

Video responses were most important out of all rounds. Interviewers expect you to align your answers with the RISES framework of Barclays

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## Sector: IT

**Name:** Krishna Suravarapu (2017A7PS0237P)

**Company:** Browser Stack

**Profile:** Software Engineer

### Recruitment Procedure

1. Online Test (2 hrs) , 2 Technical Rounds
2. **Online Test:-**
  - a. Check if a given array is spirally sorted.
  - b. A variation of String Truncating by removing duplicate characters.
  - c. Designing Reverse Proxies question. Involves usage of unordered maps, sets and queues.
3. **Technical Round 1 :-**
  - a. Discussion on Projects mentioned in Resume.
  - b. Decent on Computer Networks, DBMS.
  - c. Basic questions related to Linux followed by a coding question.
4. **Technical Round 2 :-**
  - a. Machine Coding Round (45 minutes).
  - b. Asked to implement functionality to open, close a browser and clear history and cookies of a browser (chrome and firefox) using API calls without using selenium.
  - c. Used some basic Linux system calls to implement all the above functions through Django APIs. Although I was not able to complete clearing history and cookies for one browser due to time constraint, he asked me what else should be added and was fine with the solution that I told him.

### Sources of Preparation

InterviewBit, LeetCode, GeeksforGeeks

### Courses and Certification

OOP, OS, DSA, DBMS, Computer Networks

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## Other Relevant Information

1. Computer Networks , OOP and Backend Development knowledge is crucial. Revising Computer Networks and OS slides helped a lot.
2. Try to solve all the questions from the InterviewBit. They aren't a must but they help a lot in getting the basics right.
3. Start coding at least 2 months prior to placement season. That should be enough to get you placed in a decent company.

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**Sector: IT**

**Name:** Derek Shawn Mathias (2017A3PS0244P)

**Company:** Citi Bank Pune

**Profile:** Citi Analyst Program – Application Development

**Recruitment Procedure**

1. Online Coding Test, Technical Interview, HR Interview
2. Online Test
  - a. It had 3 questions. Questions were based on dynamic programming and graphs.
3. **Technical Interview - I:**
  - a. I was asked about sorting algorithms and their complexities, Binary Trees, Threads and 1-2 questions on SQL/DBMS.
4. **HR Interview**
  - a. My resume was checked thoroughly. I was asked what I exactly did in each internship and project I mentioned. So don't lie on your resume, they'll easily find it out.
  - b. The HR manager asked me what I did in my PORs. They asked me what were the challenges I faced being the Coordinator/Secretary of a club, and what were my strengths and weaknesses/areas of improvement.

**Sources of Preparation**

LeetCode Top Interview Questions and InterviewBit.

**Courses and Certification**

DSA, OOP and OS. I didn't study DSA as a course on campus but it's important to know it properly and thoroughly before placements start.

**Other Relevant Information**

The company is not going to recruit just a coder. They are looking for someone with a personality who will fit well with their group/company policies and someone who has the potential to lead in the future

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**Sector:** IT

**Name:** Pratik Mishra (2017A2PS0926P)

**Company:** Citibank

**Profile:** Application Developer

### **Recruitment Procedure**

1. Resume Shortlisting, Online Test, Technical Interview, HR
2. Online 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. Coding (2 Questions).
  - e. No need to attempt all questions, try to finish all the easy ones.
3. **Technical Round**
  - a. Pseudo code based on modelling a T Junction
  - b. Follow up questions from what you answer
  - c. Basic SQL queries and OOP, DSA concepts
  - d. Ask the Interviewer for more information before answering in case of Modelling questions.
4. **HR round**
  - a. Basic questions about interests and involvement in college, opinion-based questions (online vs offline mode of education, etc...) can be asked.

### **Sources of Preparation**

Quant Prep ( Prep-leaf, YouTube), Coding & SQL ( HackerRank)

### **Courses and Certification**

Analytics Edge ( For R), C++ , SQL, Excel etc.

### **Other Relevant Information**

Build a strong grasp of basic concepts of C++ and OOP. Basic knowledge of Java and oracle can help in technical Interview

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## Sector: IT

**Name:** Rikin Jain(2017A2PS0923P)

**Company:** Citi Bank

**Profile:** Analyst – Application Development

### Recruitment Procedure

#### 1. Online Test

- a. It was an online proctored exam. In which we were given MCQs (aptitude, reasoning, English, c++, java), mostly MCQs are easy but time is short (time management is the key), and 3 coding questions(easy to medium)

#### 2. Technical Interview

- a. Most of the questions were based on the projects and skills written on my resume. I will tell you to be very well versed with your projects. I was also asked some OOP questions and the difference between Java and Python. Two easy coding questions were asked and I was told to code them in Notepad. After that, he asked me a couple of puzzles(Prepare on GFG).

#### 3. HR round

- a. It was a deciding round as many students were rejected based on it. Please do not take this part lite, prepare the questions beforehand. I was asked some behavioral questions and what I will do in some work based scenarios. I was also asked a logical puzzle. This round tested me more than the technical round. Make sure that you attend the PPT and research about the company.

### Sources of Preparation

GFG for puzzles, and InterviewBit, Leetcode for general DSA preparation.

### Courses and Certification

I did OOP and ML in college but it is not necessary, all the stuff is available online.

### Other Relevant Information

For a tech interview, prepare your resume thoroughly and at least do some must-do interview questions on GFG. For the HR round, prepare beforehand as you have to convince the recruiter why you are a good fit for the company. Your every answer should revolve around that. Communication skills play a very important role, so please do some mock sessions with your friend.

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**Sector:** IT

**Name:** Rishabh Jain (2017A8TS0584P)

**Company:** CITI BANK

**Profile:** Application Development

### **Recruitment Procedure**

#### **1. Online test**

- a. Online test had 4 sections: Logical Reasoning, Quantitative Aptitude, Technical Aptitude, 2 Coding questions (Rat in a maze). Test was easy. People who didn't solve the coding questions were also shortlisted; around 70 students were shortlisted for the next round.

#### **2. Technical Interview**

- a. For me it was solely based on my resume and basics of OOPs. Around 30 students were shortlisted for the HR round. Some Questions were:
- b. Pillars of OOPs.
- c. What is Multithreading? Difference between process and thread? (A project on multithreading was there on my resume that's why he asked)
- d. Challenges faced in projects and how did you tackle them?
- e. He also asked me a puzzle in the end.

#### **3. HR Interview**

- a. This was a technical + HR interview. Initially she told me to give a brief introduction and then told me to explain any one project in brief. Some cross questions were there on this. Some basic HR questions like why Citi, Why IT not core. Overall this round was very chill.

### **Sources of Preparation**

Interviewbit, GeeksforGeeks [Must do](#) questions for revision, JavaTpoint for OOPs, Sachit Jain YouTube Series for OS. For Computer Networks and DBMS just did these questions [link](#).

### **Courses and Certification**

Did OS and OOP on campus.

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## Other Relevant Information

Companies like CITI don't expect a lot of competitive programming, just be well prepared with your resume and basic questions on OOPs. Also follow the inter IIT/BITS/NIT doc for what kind of questions are asked by these companies in online tests. It will really help a lot.

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**Sector: IT**

**Name:** Ankit Jha (2017A3PS0314P)

**Company:** Citrix Systems

**Profile:** Software Engineer

**Recruitment Procedure**

1. Online Test, 2 Technical Interviews, 1 Managerial Interview (Tech+HR)
2. **Online test:**
  - a. 2 coding questions and 40 MCQs.
  - b. The coding questions were medium/hard while the MCQs were distributed across various CS courses like OOP, OS, C programming, DBMS, Computer Networks.
  - c. The MCQs were easy but needed to maintain speed to complete all questions.
3. **Interview Rounds:**
  - a. 20 people were selected for these rounds.
  - b. In the first round I was asked a coding question primarily focused on OOP and B-Tree. He wanted to check the concept of Inheritance and data structures.
  - c. The second round was on HackerRank Code pair. There was a coding question based on Dynamic Programming.
  - d. Other than that he also asked several questions about Deadlocks, Page Replacement Algorithms from Operating Systems and some more questions from OOP.
4. **Managerial Round:**
  - a. It was on Microsoft Teams and the interviewer continuously switched between general HR questions and Technical questions.
  - b. He asked various short answer questions on Time Complexity, Sorting Algorithms and OS.
  - c. The two major questions were implementing Least Recently Used Page Replacement Algorithm and substituting elements at each position in an array with the product of all elements in array except element at the position. He went on increasing the complexity of this by adding more complex cases.

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## Sources of Preparation

LeetCode, InterviewBit, HackerRank. I also used GeekForGeeks Citrix Archives a day before the interview. You need to be well prepared in DSA.

## Courses and Certification

Not necessary. But I had a certificate for DSA as I did it from Demux Academy.

## Other Relevant Information

1. Read a bit about the company before the interview.
2. It would be good if you are well prepared in Computer Networks and DBMS (Though I was not. I told every interviewer that I don't have much knowledge about these and I was not asked any questions about them but it strictly depends on the interviewer as many of my friends were rejected due to this).
3. Prepare well for DSA and other CS courses and after that not much is in your hands.

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**Sector:** IT

**Name:** Nilesh Nayan (2017A3PS0190P)

**Company:** Comcast

**Profile:** Core Associate

### **Recruitment Procedure**

1. POnline test and technical interviews (2 or 3)
2. Online test had the following sections –
  - a. Aptitude
  - b. MCQs based on OOP, OS & DBMS concepts
  - c. 2 coding questions
  - d. Online test was of 90 minutes (conducted online on Mettl platform). You need to be aware of importing necessary header files for using STL features in C++.
  - e. The coding questions involved a string (pointer manipulations) and a Dynamic Programming (DP) question where we had to deduce & apply Kadane's Algorithm which works with negative numbers in the array as well.
3. **Technical Interview 1**
  - a. It had 4 panellists. One of them was a senior director who started with managerial and HR type questions (give an introduction in 2 mins along with your accomplishments, why should we hire you).
  - b. We then moved on to the work experience part where my PS-2 project was the major focus which was based on the Deep Learning (NLP) model. After this, some DSA-based questions were asked like the internal working of hash maps (since I had worked on Redis in PS-2).
  - c. Finally, some OOP-based questions and some collections were asked like the differences and applications of the ordered and unordered set.
4. **Technical Interview 2**
  - a. It had 6 panellists. Here the interview continued with my resume points starting from PS-2 work experience, summer internship work, and then other projects that I had listed.
  - b. Detailed questions were asked as to how I go about completing those projects and what challenges I had faced and what was applied to overcome them.

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- c. Some Data Science related questions were also asked since I had completed my DS Minor and listed those courses as well as projects in my resume in that domain.

### **Sources of Preparation**

1. Leetcode, InterviewBit, GFG (Must-Do questions, Archives, Last Minute Notes) and previous year Chronicles. Puzzles from InterviewBit and GFG will help in some interviews.
2. Also, lecture slides of some courses like OOP and OS would prove helpful. This is generally the preparation for most of the companies.

### **Courses and Certification**

No specific certification required as such. I had completed the Data Science Minor in my 3<sup>rd</sup> year itself so that was beneficial in interviews.

### **Other Relevant Information**

Apart from the technical skills preparation, one should focus on the preparation of a resume and writing only relevant and impactful points. Since a resume becomes a critical point in interviews, it is also recommended to prepare those points thoroughly. Also, note that the Placement Season in 2<sup>nd</sup> semester usually starts just after the PS-2 closure. So, it is highly advisable to start and complete a major chunk of preparations well ahead of that time.

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**Sector:** IT

**Name:** Kumar Utkarsh (2017A3PS0350P)

**Company:** Confluent IO

**Profile:** Back-End Software Engineer

### Recruitment Procedure

1. Process consisted of 3 rounds – Online coding test and 2 Technical Interviews. Also, the process was common across the 3 campuses.
2. **Online test**
  - a. We were given 3 questions of varying difficulty to be solved in 75 minutes. The questions were more or less similar to the following:
    - i. <https://www.lintcode.com/problem/paint-the-ceiling/descriptio>
    - ii. <https://www.chegg.com/homework-help/questions-and-answers/prefered-c-cod-e-palindromic-graph-given-tree-n-nodes-numbered-1-n-n-1-edges-edge-value-1-2-q63116044>
    - iii. <https://www.chegg.com/homework-help/questions-and-answers/simple-text-qu-eries-challenge-given-array-sentences-array-phrases-must-determine-sentences-q32705369>
  - b. I believe that at least (2 fully passing+1 partially passing) solutions were required to qualify this round. Around 7 students from 3 campuses qualified for the next round.
3. **Technical interview 1 -**
  - a. Questions about Kafka and event streaming, event subscriber/consumer in some detail (working domain of the company, hence answerable)
  - b. 1 coding question which was a medium-hard level graph question using concepts of DFS/BFS. I was supposed to code it end to end and answer a few follow-up questions related to the choice between DFS/BFS, time/space complexity etc.
4. **Technical interview 2** – This was an ingenious round. The question was derived from a variant of the Token-bucket system. A class was given in Java and I was supposed to code a few given methods of the class. It required a good understanding of Multi-threading, Synchronization along with DSA.

### Sources of Preparation

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1. Course slides/self-notes for OOP, OS.
2. Online available last-minute notes for DBMS, CN.
3. DSA – LeetCode, InterviewBit, Codeforces, <https://binarysearch.com> (good for solving questions together)

## Courses and Certification

OOP, OS, DSA

## Other Relevant Information

1. Placements are very uncertain times and heavily based on luck. Don't fret over things not in your control.
2. Keep your support mechanism close to you (family, friends to boost you up on tough days).
3. Also, start with DSA and coding as early as you can (very important).
4. Something I learnt from my other interviews – Be very confident with the projects mentioned in your resume. Do a mock grilling of your resume with friends before applying to companies.

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**Sector:** IT

**Name:** Prashant Gupta (2017A4PS0509P)

**Company:** Doubtnut

**Profile:** SDE 1 (Backend)

### **Recruitment Procedure**

1. Resume Shortlisting, Online Test, 3 Tech-Interview
2. **Online Test** had 3 sections:
  - a. General Aptitude\ English
  - b. OS \OOP \DSA MCQs (easy-medium difficulty) – time management is important.
  - c. 1 coding Question medium difficulty ample time so read the question carefully.
3. **1<sup>st</sup> Tech-Interview**
  - a. A discussion about the code you wrote and if there's improvement how will you improve it, and then a medium difficulty question to be solved from leetcode (I got maximum sum subarray question), each interviewee was asked standard questions only.
4. **2<sup>nd</sup> Tech-Interview**
  - a. 2 puzzles
  - b. 1<sup>st</sup> cut a cake in 8 pieces with only 3 cuts (x,y,z axis sol);
  - c. 2<sup>nd</sup> you have two sand clocks one measures 4 min and other 7 min how will you measure 9 mins.
  - d. I was able to answer the 1st puzzle only and they give you enough time to think so don't panic.
  - e. In depth questions from OOP basic abstraction, etc don't come, you need to be thorough with Java and how it is implemented after that 1 problem from leetcode to be solved there only through screen sharing.
  - f. My 2<sup>nd</sup> round lasted for about 1 hour and 30 mins.
5. The **3<sup>rd</sup> and final round** was the CTO round
  - a. You decide where you are headed in this round. It can be a simple HR round or can be a tech + HR round completely dependent on you. Mine was a mix of both tech and basically the projects mentioned in your resume be through with any tech related projects you mentioned in your resume you might be asked to write a piece

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of code from it. I had a dummy project which I showed to him and then it's code and some technical ques from that code, apart from that this was a chill HR round.

### Sources of Preparation

Interviewbit, Leetcode, JavaTpoint, GFG, and OOP lecture slides

### Courses and Certification

DAA certification, Game Development in unity Certification.

### Other Relevant Information

The main thing in any interview is that you are through with each small detail written in your resume and that you don't sound like a guy who knows it all be humble if you have a doubt ask question no matter how silly it is interviewer won't judge you and in the don't sound desperate but reasonable when asked why you want to join their company.

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**Sector: IT**

**Name:** Saurabh Raj (2016A7PS0094P)

**Company:** Doubtnut

**Profile:** Software Development Engineer (Backend)

**Recruitment Procedure**

1. Online Test, 2 Technical Rounds, 1 Technical + HR (mixed) round
2. The **online test** had 3 sections:
  - a. Aptitude – based question, mostly numerical type question
  - b. Data structure, debugging, OS, database
  - c. Coding question
3. **Technical rounds:**
  - a. Tell us about yourself
  - b. Database modelling, SQL queries, Caching, Cache busting, Proxy, Reverse-proxy etc. mostly network related questions.
  - c. Puzzles and Coding questions
4. **HR + Technical round:**
  - a. The internships and projects in the resume.
  - b. Goals, vision and culture fit.

**Sources of Preparation**

GFG for puzzles, Coding Blocks, Leetcode

**Courses and Certification**

DSA, Computer Networks and OS

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**Sector: IT**

**Name:** Meet Kanani (2017A7PS0128P)

**Company:** EdgeVerve

**Profile:** Member Of Technical Staff

**Recruitment Procedure**

1. Coding Test - 3 coding questions (2 medium, 1 hard) , Questions were on DP.
2. Technical Interview - Majority questions on OOP (Know every detail of how the OOP concepts are implemented in the language of your choice), discussion on projects and internship, some questions on DBMS and SQL queries, and a couple of puzzles . No questions on OS or CN.
3. HR Interview - General HR questions: Tell about yourself, Your strengths, Where do you see yourself in 5 years, preferred tech stack, etc.

**Sources of Preparation**

1. LeetCode
2. GFG for theory, puzzles and standard questions
3. JavaTpoint for last minute revision

**Courses and Certification**

DSA, DBMS, OOP, OS, CN

**Other Relevant Information**

Be as formal as possible even when the interviewers are being friendly. Prepare at least two questions to ask the interviewer (in addition to - How would you rate my interview?)

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**Sector: IT**

**Name:** Aayush Nagpal (2017A7PS0219P)

**Company:** Flipkart

**Profile:** SDE

**Recruitment Procedure**

1. Coding test, 2 tech round, 1 HM round
2. **Coding Round:** 90 min test held on AMCAT platform with 3 questions:
  - a. Variation of coin change dp.
  - b. Gold mine problem : <https://www.geeksforgeeks.org/gold-mine-problem/>
  - c. Variation of SSSP with at most k edges allowed to be removed.
3. **Tech Round 1:** 45 minute interview for 2 DS questions. Nothing asked from other CS subjects.
  - a. Q1: <https://leetcode.com/problems/last-stone-weight/>
  - b. After I solved Q1, it was changed to:  
<https://leetcode.com/problems/last-stone-weight-ii/>
  - c. Q2: <https://www.geeksforgeeks.org/maximum-path-sum-matrix/>
  - d. Since I completed these 2 questions within 20 mins, so, he asked another 2 questions and I think this was one of the major factors for my selection.
  - e. Q3: <https://leetcode.com/problems/asteroid-collision/>
  - f. Q4: <https://leetcode.com/problems/minimum-number-of-refueling-stops/>
  - g. Make sure you know how to calculate the time complexity of the solutions.
4. **Tech Round 2:** 45 mins interview for 2 DS questions. Nothing asked from other CS subjects.
  - a. Q1: <https://www.geeksforgeeks.org/stepping-numbers/>
  - b. Q2: <https://www.geeksforgeeks.org/search-a-word-in-a-2d-grid-of-characters/> (a variation of this question involving words in a dictionary instead of a single word and use of tries.)
  - c. Make sure you know the time complexity and discuss your ideas with the interviewer.
5. **HM Round:** Standard HR round involving discussion of resume and projects.

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## Sources of Preparation

LeetCode, GeeksforGeeks, InterviewBit

## Courses and Certification

DSA, OOPS, OS, DBMS

## Other Relevant Information

1. Read past interview experiences on GeeksforGeeks as a lot of questions asked in coding and tech rounds tend to repeat.
2. Make sure you are well versed with each and every point on your resume and can explain everything in detail when asked to.

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**Sector:** IT

**Name:** Dhananjay Singh Sawner (2017A3PS0295P)

**Company:** Flipkart

**Profile:** SDE

### **Recruitment Procedure**

#### **1. Round 1- (Online Test)**

- a. Three questions were asked in 90 minutes. Test was on HackerRank platform.
- b. Question similar to coin change problem of LeetCode.
- c. Maximum level sum in a binary tree.  
<https://www.geeksforgeeks.org/find-level-maximum-sum-binary-tree/>
- d. A state consists of  $n$  cities. All roads in the city are bidirectional. We have to find the length of shortest route between two given cities, with a twist that you can eliminate the distance between any “ $k$ ” connected cities (eliminating a distance means you can make distance between two connected cities as 0, and you can do this “ $k$ ” times).
- e. 12 students were shortlisted for interviews.

#### **2. Round 2- (Technical interview 1)**

- a. Two DSA questions were asked in this round in 45 min.
- b. Largest sum contiguous sub array  
<https://www.geeksforgeeks.org/largest-sum-contiguous-subarray/>
- c. Maximum sum in array such that no adjacent elements are selected.  
<https://www.geeksforgeeks.org/maximum-sum-such-that-no-two-elements-are-adjacent/>

#### **3. Round 3- (Technical interview 2)**

- a. Again 2 DSA questions were asked in this round in 45 min.
- b. Two arrays A and B are given and all elements in both the arrays are the same except one. We have to find the missing element. (Later, he also asked about the case of multiple missing elements).
- c. Celebrity problem of geeksforgeeks.  
<https://www.geeksforgeeks.org/the-celebrity-problem/>

4. Round 4 – (Managerial Round) – Round started with basic introduction. Then he asked me about almost all the points I have written in my resume like the technical team I was part

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of, projects, internships, etc. He asked questions in detail about the internship. Finally he asked some generic HR questions like strengths, weaknesses, etc.

## Sources of Preparation

GeeksforGeeks, Leetcode, InterviewBit

## Courses and Certification

DSA

## Other Relevant Information

1. While answering any DSA question in an interview, always start with brute force first (even if you know the most optimum answer) and then move towards the optimum answer step by step while explaining your each and every thought behind how you can optimize the solution.
2. Generally the interview questions get repeated, so go through all the interview experience from PU chronicles and Flipkart archives from GeeksforGeeks.

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**Sector:** IT

**Name:** Devesh Sharma (2017A4PS0478P)

**Company:** HDFC Life

**Profile:** Graduate Trainee

### **Recruitment Procedure**

1. Resume Shortlisting, Technical Interview and HR Interview
2. Resume Shortlisting: The basis of resume shortlisting was primarily experience in NodeJS and any other front-end Javascript library or framework like AngularJS, ReactJS, JQuery etc.
3. Technical Interview:
  - a. Tell me about yourself .
  - b. Tell me about the most recent project which you have done.
  - c. What do you know about NodeJS?
  - d. What is async and await in NodeJS and have you used any in your project?
  - e. What is callback in NodeJS?
  - f. Any questions for me?
4. HR Interview:
  - a. Tell me about yourself.
  - b. Tell me the most significant project which you have done.
  - c. Where did you intern and what was your team size and the help which you got in the team?
  - d. Follow up question on this because I said that I got no help and the team size was small. He asked - How did you manage to do things by yourself ? I said that I learnt from the existing codebase.
  - e. Any questions for me?

### **Sources of Preparation**

Practiced Data Structures and Algorithms from GeeksforGeeks and InterviewBit. For technical knowledge went through the official documentation of libraries and frameworks.

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## Courses and Certification

Data Structures and Algorithms, Object Oriented Programming and Operating System

## Other Relevant Information

1. The company was looking for a specific skill set, mainly NodeJS. They were not very concerned about knowledge of DSA or any other core Computer Science courses.
2. However, don't do preparation on a company basis, be prepared for anything in the interviews.
3. Study both DSA and core courses like OS , DBMS , OOP etc.

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**Sector:** IT

**Name:** Anway Patil (2016B5A10608P)

**Company:** HSBC

**Profile:** Trainee Software Engineer

### **Recruitment Procedure**

1. Online Test, Technical Interview, HR Interview
2. The online test consisted of three stages :
  - a. Online Immersive Assessment (OIA): Psychometric and personality assessment test (Given a situation, arrange the options for what you are likely to do). Numerical reasoning, Data interpretation and logical reasoning.
  - b. Job Simulator (JS) : Similar situational questions like in OIA, but the response is in the form of a video recording. You are given a situation and maybe some relevant data, you have 1-2 minutes to prepare your pitch and after that the video recording starts automatically (3-4 minutes). Approach this section carefully, since no retakes allowed for recording video.
  - c. Coding : 1 coding question to be solved in 30 minutes. Difficulty level ranges from easy to intermediate. Given an array of coins, find the minimum no. of flips so that number of heads and tails are equal.
  - d. Read the instructions carefully and attempt practice tests before you undergo the actual test.
3. Technical Round
  - a. My interview was mostly resume based.
  - b. Mainly asked about projects and internships in detail.
  - c. Few questions about ML/AI/Cloud and database systems (mentioned in my resume as part of PS-2 project). My projects were related to deep learning and NLP.
  - d. Expect depth of questions about any tech you have mentioned in your resume. Be honest when asked about your proficiency in certain areas.
4. HR Round : Easy typical HR questions.

### **Sources of Preparation :**

GeeksforGeeks, InterviewBit

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## **Courses and Certification :**

DSA, Machine Learning, Foundations of Data Science

## **Other Relevant Information :**

1. It is important how you present yourself in the interviews. Try to get comfortable with the interviewer.
2. Know your resume inside-out.
3. Having projects/interns related to ML/DS would be a plus.

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**Sector: IT**

**Name:** Kirti Sharma (2017ABPS0310P)

**Company:** HSBC

**Profile:** Graduate Software Trainee

### **Recruitment Procedure**

1. **Online Test:** - It had three sections:
  - a. Data Interpretation
  - b. Coding (only one coding question of medium difficulty level)
  - c. Value Assessment questions, which would require you to video record the solutions to some questions. HSBC recommends taking this one seriously, so have proper business formal attire and be crisp and clear with your answers.
2. **Technical Interview:**
  - a. Firstly, brief about yourself and the technical skills you have.
  - b. How your technical skills can be beneficial to HSBC. (Have an idea of what you can do to enhance the bank's working).
  - c. A small discussion of past internships and a hackathon I won.
  - d. Medium level questions on C++. Make sure you have a good command on DSA, specifically linked lists, graphs and trees.
  - e. Must go through GeeksforGeeks puzzles. Have a good grasp on major OOP OS concepts. Be updated with the tech like ML, AI, DL, cloud computing (at least the ones mentioned in JD).
  - f. Strong basics are sufficient. The interview goes on how much you converse with the interviewer. Show him your curiosity to learn, even if you are stuck somewhere.
3. **HR Interview:**
  - a. Brief description of yourself, your family and location preference.
  - b. What skill sets do you have and how can it help HSBC?
  - c. What are you looking forward to learn? (Go through JD and answer accordingly)

### **Sources of Preparation**

LeetCode, GeeksforGeeks, InterviewBit

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## Sector: IT

**Name:** Sanchay Jain (2016B5A80712P)

**Company:** IQVIA

**Profile:** Software Engineer

### Recruitment Procedure

1. Resume shortlisting followed by a test
2. Test was easy, Logical reasoning, English proficiency and quantitative aptitude.
3. The interviewer asked me to explain my projects/internships and tell a bit about myself: interests, hobbies etc. Then he asked some questions based on my project stack. OOP concepts were asked as I had mentioned them in my resume. Then he asked 1 easy coding question.
4. Some HR questions like 'Where do you see yourself in 10 years?' were also asked in this interview only, the HR round after this was only to get location preference and some other details.

### Sources of Preparation

GeeksforGeeks for OOP and a bit of InterviewBit for coding.

### Courses and Certification

Algorithms from Coursera

### Other Relevant Information

Main method of shortlisting was the online test only, most of the people (for IT) who got shortlisted for interview got an offer.

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## Sector: IT

**Name:** Bharat Bhargava (2017A7PS0025P)

**Company:** JIO

**Profile:** SDE – TS1

### Recruitment Procedure

1. **Resume short-listing**
2. **Online test:**  
Competitive Coding. Two moderate-level questions asked.
3. **Technical Interview – Round 1:**
  - a. The interviewer asked me 6-7 questions in total, all of which were programming-based, covering linked lists, stacks, trees and graphs.
  - b. The interview lasted for about 50 minutes, and I was required to write the pseudocode for each question.
4. **Technical Interview – Round 2:**
  - a. This round lasted for about an hour and 45 minutes in my case.
  - b. The interviewer focussed mainly on OOP and DSA, while also asking design-based questions on Compiler and DBMS.
5. **HR round:**  
This round lasted for about half an hour in my case. 2-3 real-life situations were given to me, and I was required to reflect upon each circumstance.

### Sources of Preparation

InterviewBit, LeetCode for Competitive coding. Did not prepare for OOP, DBMS and Compiler Construction courses explicitly, as they were all covered as part of the curriculum.

### Courses and Certification

OOP, DSA, DBMS, Compiler (especially the design). No explicit certification required.

### Other Relevant Information

Be confident. One might not know something which is being asked by the interviewer; the person is expected to not panic in such a situation, and stay calm, confident and focussed.

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**Sector: IT**

**Name:** Himanshu Agarwal (2016B3A30570P)

**Company:** Jio

**Profile:** SDE – TS1

### **Recruitment Procedure**

1. Eligibility: CS/EEE/ENI only.
2. **Online Test:**
  - a. 1-hour coding round. It was hosted on AMCAT platform and consisted of 2 coding questions randomly selected from the pool of questions available on AMCAT (hence the level of difficulty can vary depending on the set).
  - b. For me, the first question was similar to the knapsack problem and the second question was to find the minimum number of straight lines to connect all given points to the origin.
  - c. Everyone who solved both questions were shortlisted for the interviews.
3. **Technical round:**
  - a. In the first round I was asked to explain my resume briefly.
  - b. Then the interviewer proceeded with 2 simple questions on DSA, 1 puzzle related to probability, and one system design scenario where the interviewer was more interested in my approach to the solution as well as the Data Structures I would use to implement the modules.
4. **Managerial round:**

The second round was managerial. The interviewer asked about each of my projects and internships in detail. He also asked some in depth questions on OOP and Java.
5. **HR round:**

It was a 45-minute round taken by the Hiring Manager. I was asked basic questions like:

  - a. Tell me about yourself
  - b. What are your weaknesses?
  - c. What motivates you to be a software developer?
  - d. Why Jio?
  - e. A brief description of my academic projects, and internships.

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## Sources of Preparation

InterviewBit, GeeksforGeeks

## Courses and Certification

OOP, DSA, OS

## Other Relevant Information

1. OS and OOP are highly recommended as electives if you are interested in the Software Developer role. Apart from them, Computer Networks and Database Systems are a plus.
2. For DSA, start early and practice regularly on InterviewBit and GeeksForGeeks and revise the standard questions on each topic before the coding rounds.
3. Go through your resume thoroughly. Only mention the technical skills in which you are proficient. Don't be afraid to tell the interviewer if he asks you about something you don't know. Also, prepare 5 minutes content on every point in your resume.

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**Sector: IT**

**Name:** Lavina Chotrani (2016B4A80194P)

**Company:** Jio

**Profile:** SDE

**Recruitment Procedure**

**1. Coding Round:**

This round was held on the Aspiring Minds platform. It contained 2 coding questions randomly selected from a pool of generic coding questions. The majority of questions for companies conducting their test on this platform were based on dynamic programming so that should be kept of prime importance.

**2. First Technical Interview:**

- a. The interviewer asked a few common coding questions (Math & Hashing mostly) and then he moved on to a few Puzzle questions (GeeksforGeeks should suffice for the same).
- b. Coding Questions:
  - i. Factorial of a large number.
  - ii. Modify the above code to incorporate a number of queries to calculate the factorial of each query.
- c. Puzzle questions
  - i. Minimum cuts to a gold bar to pay an employee on a daily basis.
  - ii. Secret mail problem and know average salary without disclosing individual salaries (Basic cryptography puzzles in general).

**3. Second Technical Interview:**

- a. The Interviewer was a DevOps professional and started the discussion with my latest Internship experience moving onto OOP and OS concepts (Polymorphism, Abstraction, Paging & semaphores).
- b. Overall, this round was more of a discussion than an interview.

**4. HR Round:**

The interviewer started by asking about my strengths and weaknesses moving on to my internship projects. Few other questions were asked such as

- a. Why Jio?
- b. What is your dream company and why?

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## c. Why the shift from electronics to IT?

### Sources of Preparation

1. InterviewBit for coding rounds and GeeksforGeeks for all the interview archives.
2. OOP Slides and OS lectures.

### Courses and Certification

1. On-campus Courses: OOP and OS.
2. Certifications: Algorithms specialization by Coursera (Important and sufficient for DSA).

### Other Relevant Information

Given a lot of people from EEE/ENI don't do courses such as Computer Networks and DBMS, it is important to be very thorough with OOP and OS at least and try to cover the above topics only if one has time.

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## Sector: IT

**Name:** Rishabh Goel (2016B2A30912P)

**Company:** Jio

**Profile:** SDE

### Recruitment Procedure

1. **Online Coding Test** – Medium difficulty (Difficulty level varied from person to person)
2. **Technical Interview** (Zoom Call):
  - a. Round 1 – Coding questions with screen sharing, Projects, PS2
  - b. Round 2 – Coding questions with screen sharing, OOP, Testing, Projects, PS2
3. **HR Round** – General Questions about life, regrets, strengths, etc.

### Sources of Preparation

InterviewBit, GeeksforGeeks, LeetCode.

### Courses and Certification

Data Structures and Algorithms, Object Oriented Programming, Neural Networks and Fuzzy Logic, Internet of Things

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**Sector: IT**

**Name:** Ravindra Singh Shekhawat (2017A7PS0146P)

**Company:** Komprise

**Profile:** Software Development Engineer

**Recruitment Procedure**

**1. Online test:**

- a. 1 hr 45 minutes - 3 coding questions on Hackerearth.
- b. Questions were based on binary search, topological sort and 0/1 knapsack on connected components in the graph.

**2. Technical Round:**

- a. There were 4 technical rounds.
- b. A basic question on final coordinates in an infinite grid, difficulty was increased in progression.
- c. A DP based question to construct an array of size M from N numbers with duplicates separated by at least k places.
- d. Asked to design a browser cache with appropriate data structures.
- e. Problem similar to <https://www.geeksforgeeks.org/value-to-be-subtracted-from-array-elements-to-make-sum-of-all-elements-equals-k/>. Another problem for finding whether a string contains a pattern as a subsequence.
- f. Final round was a discussion round. Internships and projects in the resume were thoroughly discussed. Browser cache problem from the first round was again discussed with concepts like swapping, etc.

**3. Managerial Interview:** Discussion on OS concepts. Asked to come up with a solution on how to scale the YouTube backend system.

**4. HR Round:** Started with an introduction and questions like “Why do you want to join Komprise”, followed by any questions about the organization.

**Sources of Preparation:**

Leetcode, OS and DBMS – YouTube , OOP – Course slides

**Courses and Certification:**

DSA, OS, OOP

**Other Relevant Information:**

The whole process was about problem solving, so start with a solution and gradually improve on it based on the discussion.

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**Sector: IT**

**Name:** Ajitabh Rawat (2017A8PS0258P)

**Company:** Myntra

**Profile:** Software Engineer

### **Recruitment Procedure**

#### **1. Stage 1: Online Test:**

- a. It was a coding round consisting of 10 questions.
- b. 5 MCQs based on OS, OOP and DSA and 5 coding questions. Time duration was 75 min.
- c. Around 23 students were shortlisted for the interview process. Level of the coding round was moderate.
- d. Try to manage time accordingly as it wasn't possible to solve all the questions in the given time and thus select problems accordingly.

#### **2. Stage 2: Interview Round I: Technical**

- a. This round was purely based on DSA. The interview was conducted on hackerrank-codepair.
- b. The interviewer introduced himself and then asked for my introduction. He then informed me about the interview pattern.
- c. Then he asked me a very simple greedy based question. I gave him the solution and wrote the pseudo code. He then asked me the time and space complexity of the solution. Then he asked me to code the solution in my language of choice.
- d. He then moved on to the next question. Second question was based on Longest Palindromic Substring. I first gave him a naïve solution. He then asked me to optimize it. Then I came up with a DP solution.
- e. He then asked me to do the time and space complexity analysis. He then finally asked me to code the solution.
- f. At the end he asked whether it was the most optimal solution or not. I told him that it was not the most optimal way and the solution can be further optimized using KMP algorithm. This round lasted for around 50 minutes.
- g. <https://www.interviewbit.com/problems/minimum-appends-for-palindrome/>

#### **3. Stage 3: Interview Round II: Technical**

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- a. This round was also purely based on DSA. The interviewer introduced himself and asked for my introduction.
  - b. The interviewer was very frank and informal. He then informed me that he will be asking 3 questions based on DSA.
  - c. First question was based on arrays. First I gave him a greedy solution. He then asked me to optimize the solution and write the pseudo code. Then I gave him a linear time solution.
  - d. He then moved on to the next question. Second question was based on linked list: <https://leetcode.com/problems/copy-list-with-random-pointer/>
  - e. Third question was based on Bit Manipulation: <https://www.interviewbit.com/problems/different-bits-sum-pairwise/>
  - f. This round lasted for around 50 minutes.
4. **Stage 4: Interview Round III: Technical + HR**
- a. This round was taken by a senior Myntra Executive and lasted for around 70- 80 min. The interview was conducted on Google Meet.
  - b. In the beginning the interviewer asked me to explain my PS-2 project. He then asked me some questions based on DBMS as my PS-2 project was related to database design.
  - c. He then asked me some behavioural questions. He then asked me some questions related to system design.
  - d. At the end he gave me a puzzle to solve. Questions in this round were mostly open ended.
5. **Stage 5: Interview Round IV: HR**
- a. The interviewer was very friendly and informal.
  - b. I was asked standard HR questions such as:
    - i. Why Myntra?
    - ii. What's your ambition?

### Sources of Preparation

InterviewBit (very important), LeetCode, GeeksforGeeks (for CS subjects)

### Courses and Certification

DSA, OOP, OS, DBMS

### Other Relevant Information

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1. Discuss your approach with the interviewer, do not sit silently if you're not able to come up with a complete optimal solution to the problem given.
2. It is very necessary to explain each and every step to the interviewer (even if the interviewer does not ask so), as they keep noting down the candidate's approach towards a problem.
3. Show interest in their work and ask questions on what is expected of yourself in Myntra and other questions about the company, projects, and work culture.

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**Sector: IT**

**Name:** Madhur Wadhwa (2016B5A30727P)

**Company:** Myntra

**Profile:** Software Engineer

**Recruitment Procedure**

There were 4 rounds of interviews, the first two were Problem Solving/DSA rounds. Third round was the hiring manager round, and the last round was with an HR.

**1. Problem Solving/DSA rounds (1 & 2)**

- a. The first round was an online test conducted on HackerRank which has 5 Medium(ish) level questions, topics covered in the test were Graphs, trees and some basic implementation based questions.
- b. I solved 4 questions completely and one partially. I would recommend going through GeeksForGeeks archives and through the questions asked in other IITs and colleges where the company is hiring as many questions were repeated (not just Myntra).
- c. I was asked a total of five questions in the first two rounds, which were Easy-Medium level questions from LeetCode. The questions asked were:
  - i. Best Time to Buy and Sell Stock 2
  - ii. A variation of Climbing Stairs
  - iii. Jump Game 1 and 2
  - iv. Asteroid Collision (Stack based, check gfg archives)
  - v. Course Schedule 1 and 2 (This was an extra question, with discussion about cycles in directed and undirected graphs, back edges and topological sort).

**2. Hiring Manager round**

- a. The Hiring Manager round was more of a discussion about my projects and trying to take them to a higher level.
- b. A major part of the interview was devoted to discussing my OOP Course Project, and as a follow up, a long discussion on high level design of the board game Catan ([colonist.io](https://colonist.io)).
- c. Further he discussed how we could build and train a bot who could play the game. A discussion about how HackerRank's autocomplete IDE is built and how it can be accessed by so many people at once took place. The interviewer also briefly

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discussed the winning strategy in the Nim Game (See LeetCode). This was a long interview which lasted around 1.5hrs.

### 3. HR Round:

The HR Round was conducted right after, where the HR asked standard questions like why Myntra, what is my dream company, why not MS, where do I see myself in the next 5 years and such.

### Sources of Preparation

1. InterviewBit, LeetCode (mostly Medium level) - For Problem solving practice
2. GeeksForGeeks - for reference and company archives
3. [cp-algorithms.com](https://cp-algorithms.com) - For Graphs
4. CP Handbook - A good place to start for DSA
5. SourceMaking, Course Slides - Design Patterns and OOP

### Courses and Certification

DSA, OOP, OS, Neural Network and Fuzzy Logic

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**Sector:** IT.

**Name:** Prakhar Gupta (2016B4A30595P)

**Company:** Myntra

**Profile:** Software Engineer

### **Recruitment Procedure**

- 1. Online Coding Round:(90 minutes)**
  - a. 5 coding questions: 2 easy, 1 medium, 2 hard and 5 MCQs on OS, OOP, DSA.
  - b. To get shortlisted you have to solve at least 4 questions completely.
- 2. Interview 1:**
  - a. 2 coding questions : 40-45 minutes.
- 3. Interview 2:**
  - a. 2 coding questions : 40-45 minutes.
  - b. Priority is to solve at least one question completely in both the interviews. I solved both the questions in my 2 interviews and after that I had my hiring manager round.
- 4. Hiring Manager:**
  - a. System design: Design google autocomplete search
  - b. System design: Design Twitter feed
  - c. Tell me about a time you had to work on a project in a team
  - d. Puzzle: <https://www.geeksforgeeks.org/puzzle-round-table-coin-game/>

### **Sources of Preparation**

Interview Bit, GFG, leetcode, youtube for system design

### **Courses and Certification**

DSA, OOP, OS

### **Other Relevant Information**

Try to practice as many questions as you can. I started coding 6 months before my placement and I was solving about 6-10 problems everyday. For system design, Myntra is one of the very few companies who usually ask for it. They usually ask you to design an auto-complete search engine or URL shortening which you can easily find on youtube.

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## Sector: IT

**Name:** Aniruddha Mahajan (2017A7PS0145P)

**Company:** Media.net

**Profile:** SDE

### Recruitment Procedure

1. The first round (**coding round**) was conducted on InterviewBit consisting of 3 coding questions out of which 1 was of medium level difficulty and 2 were of hard difficulty.
2. First and second rounds of interview were purely coding based rounds.
  - a. You will be given one coding question and you have to code and explain that solution along with time-complexity to the interviewer.
  - b. Time limit was 1 hour. The coding part was done on a doc shared by the interviewer and in the end he also ran the code on his machine on some test cases.
  - c. The first round was a DP question and in the second round the question was a graph question.
3. The third round of interview was quite different and was the toughest of all rounds.
  - a. It lasted for almost 2 hours, the interviewer first asked some questions related to REST API architecture (which was related to my work on PS), the query optimization, indexing in databases and basic operations (insert, delete and search) on B-Tree, B+-Tree and the difference between these two, followed by similar questions on Red-Black Tree and some questions on Multithreading and OS concepts.
  - b. Then he asked questions from my NNFL project. In the end he asked me a data structure design question, in which I was asked to implement some functionalities (similar to shops near me in google maps) in the best possible time and space complexity.
  - c. The interviewer asked me to dry-run the code on some test cases. The interviewer was friendly and gave me hints at various stages to help me solve the problem.

### Sources of Preparation

InterviewBit, LeetCode, GeeksforGeeks, Lecture slides

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## Courses and Certification

DSA, OOP, OS, Database Systems, NNFL

## Other Relevant Information

1. One thing I observed in their recruitment process is that they didn't care much about CGPA and resume. They are more interested in the competitive coding part and some basics of CS fundamentals.
2. One important piece of advice about interviews is to share what you are thinking with interviewers as much as possible.

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**Sector:** IT

**Name:** Aadarsh Mohta (2017A3PS0823P)

**Company:** Pensando Systems

**Profile:** Member of Technical Staff

### **Recruitment Procedure**

1. **Online Test** consisted of three coding questions which were from easy to medium level. Problems were from arrays, hash maps and trees.
2. **First round of interview:**
  - a. We had a brief discussion on my resume and then there were two coding questions which were to be done on a code pair interacting with the interviewer.
  - b. One question was cloning a linked list with a random pointer and another question was on arrays.
  - c. The interviewer also asked some OS concepts towards the end on synchronisation and other fundamental OS concepts.
3. **Second technical interview:**
  - a. Focused on my projects in the beginning and then took a deep dive in OOP.
  - b. A problem to design YouTube was given and we had a long discussion over it coding classes and using design patterns. The interviewer was helpful and was willing to help if there was any doubt or if I got stuck anywhere.
  - c. Towards the end the interview also got an HR flavour when the interviewer asked about my future plans and what I expected from the company.

### **Sources of Preparation**

1. LeetCode for DSA
2. College courses for OOP and OS

### **Courses and Certification**

None as such

### **Other Relevant Information**

1. Keep the interviews interactive and always voice out your approach while solving problems.
2. You may not arrive at the correct or most optimal solution but voicing out gives your interviewer a clear picture of your thought process and problem solving approach which is actually needed in industry.

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**Sector:** IT

**Name:** Abhijeet Borole (2017ABTS0369P)

**Company:** Postman

**Profile:** Software Engineer

### Recruitment Procedure

1. Open for all branches with no CGPA eligibility criteria.
2. **Online Assessment** had 20 questions:
  - a. 17 MCQs on computer science fundamentals (OS, OOP, DBMS, Networks, DSA)
  - b. 3 coding questions on DSA (2 easy, 1 hard)
3. **Interviews:**
  - a. **Round 1 (Technical) :**
    - i. Started with an introduction.
    - ii. This round was completely based on computer science fundamentals.
    - iii. Mostly questions around OOP principles, OS basics, DBMS concepts and one question on networks.
    - iv. OOP questions were on the 4 basic principles and examples.
    - v. One question involved implementation of a phone dictionary including search.
  - b. **Round 2 (Technical):**
    - i. Most questions were based on my resume. I had a virtual reality project on it which I was asked to explain.
    - ii. Quite a few questions on my internships and the projects I did
    - iii. Only keep the things you're confident about on your resume.
    - iv. This round ended with a puzzle, where I was asked to design an algorithm for a traffic signal with follow up questions on benchmarking this algorithm and drawbacks of my solution.
  - c. **Round 3 (Hiring Manager):**
    - i. This was the hiring manager round. This was a deeper dive into my resume and a ton of questions around it.
    - ii. Some questions were on how I would implement what I had learnt at my internships, not necessarily related to software engineering.
    - iii. Some questions on my plans for the next 6 months, where I saw myself in 5 years etc.

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#### 4. Round 4 (HR):

- a. This was the HR round and was scheduled for the next day. I was informed about my offer before this round.
  - b. This was just an explanation of the compensation and other questions that I might've had about the company.
5. Computer science fundamentals were essential for the process. Be prepared with these.

#### Sources of Preparation

1. LeetCode and InterviewBit for DSA and generic interview questions.
2. Gate smashers on YouTube and lecture slides for OS and DBMS.
3. OOP is quite basic and the Top 300 questions on Javatpoint with a couple of YouTube videos and lecture slides is enough.
4. The initial lecture slides with a few YouTube videos are enough for Computer Networks.

#### Courses and Certification

OOP, OS, DBMS, Networks, DSA are important. These can be done online easily. Other CS/DS electives could be relevant with good projects and matching work experience.

#### Other Relevant Information

1. Practice LeetCode for 1-2 months before your tests. This practice will help you get through tests and solve the generic interview questions.
2. Mention only those courses, skills and experiences that you're completely confident about as not being able to defend your resume will most likely lead to your elimination.
3. Go through your resume and think of the possible questions that might be asked.
4. Read questions that are generally asked in HR and prepare your response.



**Sector: IT**

**Name:** Nishchay Pareek (2017B4TS1204P)

**Company:** Q3 Technologies

**Profile:** Junior Software Developer

**Recruitment Procedure**

**1. Online Test** had 3 sections:

- a. English
- b. Logical Reasoning
- c. CS Fundamentals

Test was easy. However, it is important to maintain speed to finish all questions

**2. Group Discussion**

- 3. Technical interview:** A simple question on string was asked, a simple puzzle was asked, questions on my resume were asked.

**Sources of Preparation**

Leetcode, IndiaBix, Geeks for Geeks

**Courses and Certification**

OOP and DSA

**Other Relevant Information**

The interview was very easy to crack. Basic coding and logical aptitude are sufficient. Make sure you are able to defend each and every point mentioned in your resume.

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**Sector:** IT

**Name:** Arepalle Hima Siva Kalyan Reddy (2017A7PS0235P)

**Company:** Razorpay

**Profile:** Software Development Engineer

### **Recruitment Procedure**

#### **1. Online test:**

- a. It had MCQs and 3 coding questions.
- b. MCQs were easy and anyone with basic knowledge of CS subjects can solve almost all of them. I solved all of the MCQs and I managed to solve 2 complete and 1 partially in coding.

#### **2. 2 Technical Interviews:**

- a. There were two interviewers for both the rounds.
- b. Both the rounds began with general discussion on my resume and my projects (you need to have minimal knowledge of all the skills mentioned in the resume and also you should be able to answer almost anything regarding your projects).
- c. Also, you must ask them a question or two at the end (they want you to).
- d. After the discussion about projects for around 10-15 minutes, they moved to the actual part.
- e. Both the rounds gave coding questions to solve (they were at the same level as online test coding questions and also I was given enough time to solve). I just had to write pseudo code while explaining the approach.
- f. Later they asked a few questions about DBS and discussed a little more about my PS project (it was a web development project and they seemed interested in it).
- g. Round 1 lasted for around 35 minutes and round 2 for almost an hour (they asked many CS-related questions).
- h. For any question, even if it takes a minute or two extra, do not answer it wrong (they need correct persons not quick persons). And if you don't know something, tell them that you don't know.

#### **3. HR interview:**

- a. Though it's called the HR round, it was no different from a technical round. It started with my resume and project discussion (it was in depth, one should be able to answer anything about their projects).

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- b. For example, he asked what I did in my web development project in detail (he said he was a backend developer), then he gave scenarios and asked what approach I'd use to solve them.
- c. They are not looking for the answer, they're looking at your approach. So, even if you need a little time to think, ask for it without hesitation and think for a while before answering but do not bluntly answer whatever comes to your mind.
- d. Later he asked for my favorite topic in CS. I said OS, DBMS, CN. He then asked lots of questions in OS and DBMS, and at last a few HR-related questions. It lasted for more than an hour.

### Sources of Preparation

GeeksforGeeks, LeetCode, InterviewBit (for System Design too, but surprisingly, they didn't ask any) and most importantly my previously rejected interviews (they're extremely valuable learning experiences for self analysis).

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**Sector:** IT

**Name:** Rohan Dudeja (2016B4A30516P)

**Company:** Razorpay

**Profile:** Software Development Engineer

### Recruitment Procedure

#### 1. Stage 1 - Online Assessment:

- a. The Online Assessment was on HackerEarth and consisted of 3 Coding Questions and 15 MCQs (OS, DBMS, OOP). The duration of the test was 1.5 hours.
- b. Students who completed at least two coding questions were shortlisted for the next round.
- c. The coding questions are as follows:
  - i. [Sieve +Prefix sum+ Binary Search] Minimize N such that the count of all factors up to N is greater than or equal to X (GFG [link](#)).
  - ii. [DP] Number of ways to generate target strings from a given dictionary. This question was modified version to coin change problem on Strings (stack overflow article [link](#)).
  - iii. Even Frequency: Given 2 integers A and B, return the count of integers between [A, B] that have digits with even frequency only.
- d. As for the MCQs, they were of medium difficulty, so what I would say is do not just focus on DS Algo also get a stronghold on the CS fundamentals.

#### 2. Stage 2 - Technical Interview Round (45 minutes)

- a. The interviewer discussed my resume thoroughly for the first 10-15 minutes.
- b. Then she gave me the following sliding window problem: Length of the smallest subarray to be removed to make the sum of remaining elements divisible by K ([link](#)). I provided both a Naïve approach and Optimised solution, and I was asked to write and manually run my code on a few test cases.

#### 3. Stage 3 - Technical + Design Interview Round (75 mins)

- a. I was asked to design a system that schedules the meeting of X mins between 2 persons where Person's meeting lists were given. I was asked to write the code in my preferred language and to manually check the test cases.
- b. After that, I was asked to extend this to schedule the meeting between N persons and to provide the code for an optimized solution. He asked me to check if all edge cases were covered or not.

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#### 4. Stage 4 - Technical + HR Interview Round (60 minutes)

- a. This was a general round, and it started with a few questions on my resume.
- b. Then I had a detailed discussion on my Practice School-2 project and other projects that I had specified in my resume. He asked me a lot of behavioral questions throughout the interview.
- c. After that, I was asked some basic DS questions, particularly on HashMap, and a few OS questions from Multithreading. Then he ended the interview with typical HR questions.

#### Sources of Preparation

LeetCode, Interview Bit, Geeks for Geeks (archives + interview questions)

#### Courses and Certification

OOP, OS, DSA

#### Other Relevant Information

1. Go through the GFG archives of the company you are applying to.
2. Discuss your approach with the interviewer, it does not matter if it is an optimal solution or not.
3. Prepare your resume well and be thorough with it.

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**Sector:** IT

**Name:** Pradhit Ongole (2017A3PS0188P)

**Company:** Samsung R&D Bangalore

**Profile:** Software Engineer - Developer

### **Recruitment Procedure**

All interview rounds were on Skype.

1. **Coding Test :** Questions mainly on Trees. Questions were of medium difficulty.
2. **Technical Interview 1:** Questions on DSA (Hashing), OOP (Basic concepts) and OS. Basic questions on projects mentioned in the resume.
3. **Technical Interview 2:** Mainly asked about internships and projects on my resume, such as why a certain framework was used and its advantages. Few questions on DSA (Graphs, Arrays). I was asked to share my screen and write code for the DSA questions.
4. **HR interview:** Basic questions like why I chose engineering, plans for the future etc.

### **Sources of Preparation**

GeeksforGeeks (Archives), InterviewBit

### **Other Relevant Information**

Most companies ask questions on specific concepts in the initial rounds. GeeksforGeeks Archives are very useful for preparation.

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**Sector: IT**

**Name:** Siddhant Khandelwal (2017A7PS0127P)

**Company:** Samsung R&D Bangalore

**Profile:** Software Engineer - Developer

**Recruitment Procedure**

**1. Online Test:**

- a. The test had two programming questions based on Trees, DFS, and BFS.
- b. It was conducted on CoCubes Platform. The IDE was decent; only sample test cases were checked against the solution.
- c. No hidden test cases were run on the solution. You have to be sure of your submission. You could run custom test cases through the IDE.
- d. 12 students were shortlisted after the Online Test. Each round was an elimination round.

**2. Technical Interview - 1:**

- a. Rotate a Matrix by 90 degrees in-place (constant space). All possible approaches were discussed with time complexity analysis. It was like a warm-up question.
- b. Finding the middle node when the head is given, Deleting a given node in a singly-linked list, finding cycle in a linked list (including the starting and ending node). Had to write code for all of them on an online IDE. The most optimized approach was expected.
- c. Longest Palindromic Substring: Was expected to write only the pseudo code and time complexity for the DP approach.
- d. Discussion on Multithreading, Mutex Locks, Process Tables, Routers, Packet Routing Algorithms.

**3. Technical Interview - 2:**

- a. Resume based discussion. You are expected to justify each and everything you write on your resume. Internship projects, course projects were discussed.
- b. The interviewer will deep dive on the tech stack you worked on and the design choices you made.
- c. Expect questions like, "What was the most difficult part of the project?". You will have to lay out the technical difficulties you faced and how you overcame them.

**4. HR Round:**

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- a. Standard HR round questions. Prepare behavioural problems from online sources.

### Sources of Preparation

I prepared for a coding round from Leetcode and GeeksforGeeks. InterviewBit is fine too. Go through past year questions. For most of the companies, questions for the coding round are more or less along the lines of questions asked in other colleges' placements. Prepare DSA, DBS, OS, OOPS, Networks from course slides.

### Courses and Certification

No specific course apart from the CS curriculum. Completing courses like Machine Learning, Neural Networks & Fuzzy Logic helps but is not necessary.

### Other Relevant Information

1. Make sure you can code solutions without C++/Java STL. Many companies in the Sem-II placement season expected this.
2. Apart from the problem-solving skills, prepare your resume well enough in advance and thoroughly.
3. Many companies had MCQs in the online test, so prepare courses like OS, DBMS, Networks, OOP, DBS in advance. Course slides are more than enough.



**Sector:** IT

**Name:** Vijayendra Shende (2016B3A30458P)

**Company:** Samsung R&D, Bangalore

**Profile:** Software Engineer - Developer

### **Recruitment Procedure**

#### **1. Online coding round:**

- a. Two coding questions (one dynamic programming-based question and other normal logic-based question).
- b. The test happened on CoCubes platform, and had only two test cases visible, and the result of other cases unknown.
- c. Double checking your solution for more cases is a must, not possible on platform.

#### **2. Technical round 1:**

- a. The interviewer was a young person, and asked me to go through the resume. I focused more on an OOP project and an image processing project.
- b. He asked some basic coding questions, very simple, and did them on an online compiler with a screen shared with him.
- c. Then he made me code the OOP project. He expected a pseudo code for multithreading and design patterns in Java and understanding of it.
- d. Proper coding is very helpful.
- e. This round went on for 40 minutes.

#### **3. Technical round 2:**

- a. The interviewer looked very senior. He asked for a very basic understanding of Java and C++.
- b. Then he asked some very standard coding questions.
- c. The round was very short (less than 20 minutes) and casual.

#### **4. HR round:**

- a. Very simple and general HR questions were asked. Wrapped up in 15 mins.

### **Sources of Preparation**

1. GeeksforGeeks archives
2. OOP basics from the course notes and slides
3. Coding basics and practice from LeetCode.com and HackerEarth.com

### **Courses and Certification**

OOP helped me a lot.

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**Sector:** IT

**Name:** Bhavya Pandey (2017A8PS0367P)

**Company:** Schlumberger

**Profile:** Software Development Engineer

### **Recruitment Procedure**

#### **1. Online test:**

- a. Total 3 sections: 2 of them mainly had Java MCQ questions. 1 section had 5 while the other had 10 questions.
- b. The third section had 2 coding questions.
- c. Coding questions were –
  - i. Converting decimal numbers to binary.
  - ii. Removing consecutive occurrences of vowels from input string.

#### **2. 4 interview rounds:**

- a. First technical round – Basic DSA and OOP 4 pillars asked. Some questions around my project were also asked. (45 minutes)
- b. Second technical round – 1 Linked list and 1 Graph question was asked; some algorithms were discussed verbally. Some OOP questions were also discussed, and puzzles were asked in the end. (1 hour 4 minutes)
- c. Behavioural round – This was basically an HR round. A frank discussion around why I chose Schlumberger, my JEE rank, and POR related work. It was basically a resume review round. In the end I was asked if I wish to go for an MBA. (45 minutes)
- d. Managerial Round – In this round, the manager described certain situations and wished to know how I would react/ approach a solution if that happens. It was a healthy discussion, I shared what I genuinely felt. (1 hour 12 minutes)

### **Sources of Preparation**

OOP from BeginnersBook (website), DSA from GeeksforGeeks, InterviewBit.

### **Courses and Certification**

OOP, DSA, OS

### **Other Relevant Information**

1. Don't lie in your resume.
2. Study puzzles from GeeksforGeeks; I struggled while solving them as they were new to me.

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## Sector: IT

**Name:** Aashay P. Bhogte (2017A1PS0717P)

**Company:** Schneider Electric

**Profile:** Graduate Engineering Trainee (GET)- Data Engineer

### Recruitment Procedure

1. **Test:** Included modules on engineering domain (basic MCQs), aptitude (Quantitative and Verbal), a gamified round and a Psychometric Evaluation.
2. **Technical Round** (with a single interviewer):
  - a. Revolved around the resume and the job profile/role.
  - b. If you have any experience or skill-set (Python, SQL, R, etc) related to coding (at least one), then you can expect some technical questions.
  - c. However it is not mandatory and if not, then the interview will be around general questions on the domain (web-development, cybersecurity, data science, etc.) to gauge whether you have awareness of these domains at least.
3. **Technical debrief** (two interviewers): Here I was asked a guesstimate and my preparedness for the role was checked and questioned.
4. **HR round:** The psychometric evaluation's results may be compared here with what you demonstrate during the interview. So make sure to be true to your results and do not bluff (the HR can be eliminative for Schneider).

### Sources of Preparation

W3Schools (SQL), GeeksforGeeks (RDBMS), Coursera

### Courses and Certification

SQL for Data Science

### Other Relevant Information

1. Schneider doesn't expect you to possess in-depth coding skills for this role, and believes that you can learn them before on-boarding and on training.
2. Know the job description and your resume extremely well.
3. Try and understand Schneider's work culture and company goals.

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**Sector:** IT

**Name:** Abdul Rehman Khan (2017A2PS1022P)

**Company:** Searce Inc.

**Profile:** Software engineering

### **Recruitment Procedure**

1. **Online Test** had 3 sections: Verbal, Data Interpretation and Quant. The test was easy. Maintain speed and accuracy.
2. **Screening round:** Based on resume, 5-10 minutes interaction collectively.
3. **Technical-1 interview:** Discussion on PS-2 project, Django, SQL queries and some DSA questions. (25-30 minutes)
4. **HR interview:** Basic HR questions related to college life. (5 minutes)
5. **Technical-2 Interview:** Discussion on PS-2 project with some questions on API and networking. (10-15 minutes)

### **Sources of Preparation**

GeeksforGeeks, HackerRank, InterviewBit / Scaler Academy, LeetCode

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**Sector: IT**

**Name:** Darshan Agrawal (2017A7PS0233P)

**Company:** ServiceNow

**Profile:** Associate Software Engineer

**Recruitment Procedure**

1. **Online Test:** Online Test had 2 sections.
  - a. MCQs are based on topics like OS, OOP, DBMS, CN, and C Programming Fundamentals.
  - b. 1 coding questions.
2. **Technical Interviews:**
  - a. Questions were based mainly on Data Structures and Algorithms. Some questions from OS and OOP were also asked.
  - b. Explain design patterns (I explained 'Singleton' and 'Factory' design patterns).
  - c. Discussion on projects which are mentioned in the resume.

**Sources of Preparation**

InterviewBit, LeetCode, GeeksforGeeks

**Other Relevant Information**

1. Focus mainly on DSA coding questions.
2. Knowledge of OOPs concepts and design patterns is a plus.
3. Have one or two projects mentioned in your resume which you can explain clearly.

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**Sector: IT**

**Name:** Sharang Sharma (2017A7PS0054P)

**Company:** ServiceNow

**Profile:** Associate Software Engineer

**Recruitment Procedure**

1. **Online Test on HackerRank**
2. **Technical Round 1:** All the interviews were conducted using Zoom. I had to code on some codeshare website. I started with introducing myself, my interests etc. Then a coding question was asked - Unique paths in a Grid with Obstacles.
3. **Technical Round 2:** After a bit of introduction, I was asked a coding question based on Kadane's algorithm - K-th Largest Sum Contiguous Subarray.
4. **Technical / HR Round:** This round was mixed. More discussions about my resume, my projects, what technologies I'd like to work on etc. After 15-20 min of discussion, a coding question was asked - Given an array containing only 0s and 1s. Find the number of 0s between first and last 1. (ex- {0,0,1,0,0,0,1,0,1,0} Ans = 4). Lots of edge cases to handle.

**Sources of Preparation**

LeetCode, GeeksforGeeks

**Courses and Certification**

DSA, OOP, OS, DBMS, CN

**Other Relevant Information**

1. Doing the explore cards on LeetCode is a nice way to start.
2. You should be familiar with DFS, BFS and be comfortable applying them to any kind of situation (matrices, strings etc).
3. Go through your resume and prepare beforehand what you'll say when someone asks about any project.
4. Brush up basic OS (process vs threads, mutexes etc), CN (TCP vs UDP etc).

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**Sector:** IT

**Name:** Vishal Singh Deoleya (2016B4A30625)

**Company:** ServiceNow

**Profile:** Associate Software Engineer

### **Recruitment Procedure**

1. **Online Test :** Two coding questions and some MCQs based on OOP, OS, DBS and C programming.
2. **Technical Round 1 :**
  - a. The interviewer used HackerRank codepair for this round.
  - b. First question was similar to Merge K sorted arrays. The interviewer asked me to explain my approach, at first he didn't seem satisfied so straight away asked me to code.
  - c. I was given 15-20 min to write the solution, codepair has predefined test cases for the question, I passed all and the interviewer was very happy at this point.
  - d. After this he asked me if I was familiar with graphs and trees, we had discussion on several questions here but he didn't ask me to code any.
  - e. **Only DSA related questions were asked in this round. No theory.**
3. **Technical Round 2 :**
  - a. Interviewer straight away started with a coding question. There was some issue on codepair so he asked me to code on any code editor and share my screen.
  - b. The question was very similar to Binary tree maximum path sum (LeetCode). I was asked to send code via chat (Never got to know if it was correct or not) and then do a dry run for the test case he gave line by line.
  - c. Then he asked me to rate my knowledge of OOP, OS and DBMS being a EEE student. I told him that I'm not familiar with DBMS but confident in OOP and OS.
  - d. We had a discussion on OOP and OS after this, questions were standard around multithreading, trashing, encapsulation, differences between etc.
  - e. I was asked if I had used OOP in any of my internships/projects. Then he asked me to explain disadvantages of inheritance and encapsulation. I was not able to answer this correctly.
  - f. After this he came back to DSA, only approach was asked for a couple of questions. I was able to answer almost all correctly.
4. **Managerial + HR round :**

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- a. This round was very different for everyone, some people were asked technical questions. My interview was non technical for the most part.
- b. Interviewer started with my resume, asked me to explain it completely.
- c. Then he asked me questions about blockchain, as I had done an internship in this field.
- d. Then he discussed my work at Enactus, he was in the CSR committee of the company and knew a lot.
- e. He explained to me about his contributions in nonprofits and was very impressed with mine as well. After this, he explained to me about his team and ended the interview.

### Sources of Preparation

LeetCode (Practicing) , GeeksforGeeks (Theory) , CP Algorithms (For competitive references)

### Other Relevant Information :

1. For Non CS people - do read OS and OOP at least, can't say I'm not from CS.
2. Be familiar with the company background, what they do etc.
3. Don't lie on your resume.
4. Do mention any Leadership/POR/Volunteering experience, It might be a tiebreaker for HR/Managers.

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**Sector:** IT

**Name:** Aabhas Asawa (2017A1PS0829P)

**Company:** Societe Generale

**Profile:** Software Engineer

### **Recruitment Procedure**

#### **1. Online Test:**

- a. Aptitude, reasoning ability, English and basics of OOP, DSA were tested through MCQs.
- b. Three coding questions:
  - i. Find total area covered on the plane by a list of given rectangles
  - ii. Print sum of elements present around a given element in a matrix
  - iii. Find count of kth lexicographical character in the string.

#### **2. Technical Interview:**

- a. I was asked if I had any knowledge about the financial sector or scene in India. I had close to zero knowledge about finance.
- b. I was asked to place four balls in such a way that the distance between each of the pairs of the balls was the same. I only had to explain the logic.
- c. Then I was asked to print a matrix in a spiral way which I was able to code.

#### **3. Manager Interview:**

- a. I was asked to describe my journey since class 10<sup>th</sup> about why I chose science, how I did my coaching, and what I did in college in brief.
- b. Several other questions such as why I didn't study about finance in college, why I wanted to join as a software developer in a bank, whether I would like to work in a team or alone, and what my teachers and professors would say about me.

4. **HR Round:** Basic HR questions such as my strengths and weaknesses, what I liked and disliked about the online interview process.

### **Sources of Preparation**

1. Practiced coding through LeetCode, HackerRank, Codeforces.
2. Read about OOP and DSA online (GeeksforGeeks mostly - I hadn't done these courses in college.)
3. Looked through the previously asked questions for the company.

### **Courses and Certification**

Need to have knowledge of OOP and DSA

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## Sector: IT

**Name:** Asrita Venkata Mandalam (2017A7TS1179P)

**Company:** Société Générale

**Profile:** Software Engineer

### Recruitment Procedure

1. **Online test:** Had quant, theory and coding questions. The theory questions included MCQs on OOP, DSA and OS. There were three coding questions.
2. There were two technical rounds followed by a managerial and HR round.
3. **First technical round:**
  - a. Focused on my resume along with in-depth questions about the projects listed on it.
  - b. There were a few questions about OOP, OS and DBS fundamentals and a couple about Python libraries such as sklearn, numpy, etc.
4. **Second technical round:**
  - a. There were more theory questions about the same courses.
  - b. I was asked to come up with an algorithm to check whether a knight could cover all of the squares of a chessboard without landing on the same spot twice, given the starting cell and the size of the board.
5. **Managerial round:**
  - a. I was asked how I would be able to work on a new tool I haven't used before and a few other questions along the same lines.
  - b. We also talked about HTML, CSS, data visualizations using D3.js and a bit about finance.
6. Finally, in the **HR round**, I was asked about my work ethic, what I knew about the company, higher education, location and work shift preference.

### Sources of Preparation

GeeksforGeeks, LeetCode

### Courses and Certification

DSA, DBS, OOP, OS

### Other Relevant Information

1. Knowing their job description, a bit about the company, and some basic finance helped.
2. Going through previous year questions from GeeksForGeeks archives was useful.

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**Sector: IT**

**Name:** Sanchit Ahuja (2017A3PS0216P)

**Company:** Societe Generale

**Profile:** Software Development Engineer

**Recruitment Procedure**

1. **Online Test:** Had 3 coding questions, MCQs on Aptitude, CS courses
2. **Interview 1 - Technical Interview:** One question on DSA. Rest of the interview was on Data Science since my resume had lots of data science projects.
3. **Interview 2 - Hiring Manager:** Generic questions on data science again and some HR questions like where I see myself in 5 years etc.
4. **Interview 3 - HR round**

**Sources of Preparation**

LeetCode, GeeksforGeeks, Course slides

**Courses and Certification**

I have done OOP, OS, Data Mining, Information Retrieval and NNFL from college. Apart from these, I had done some MOOCs on deep learning (CS231N and CS224N)

**Other Relevant Information**

Don't fake your resume. Know the projects and courses mentioned on your resume thoroughly.

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## Sector: IT

**Name:** Arpit Mudgal (2017A8PS0600P)

**Company:** Synopsys

**Profile:** RnD Engineer

### Recruitment Procedure

1. **Online Test** wasn't tough but lengthy.
2. **Second round (Technical):** The interviewer had 15 years of experience. He briefly asked me about my resume and then asked about the following topics:
  - a. DSA
  - b. He asked me to share my screen and write on an online compiler.
  - c. He started with Kth smallest element in the stream of numbers which can be easily done with the help of heap but he wanted me to implement heap without using any library and time complexity of heapify function, min heap, and max heap.
  - d. AVL trees
  - e. Balancing binary trees and where binary trees are used
  - f. Why there is need of BSTs
  - g. TC and SC of operations on trees
  - h. Difference between semaphore and mutex
  - i. Hashing and why we use hashing
  - j. Check if a string of parentheses is valid and dry run in the test case
  - k. Finally, he asked me an easy puzzle.
3. **Third round (Technical):**
  - a. Interviewer had 25 years of experience in the field and after briefly asking about my resume he asked me to again present my screen and gave me a conceptual question on pointers in C++. I had to tell him the output of every line.
  - b. Good knowledge of pointers in C was needed and rules of precedence and associativity of operators were important.
  - c. Once he was satisfied by my answers, he asked me this, which I solved after some discussion with the interviewer: <https://leetcode.com/problems/word-ladder/>
  - d. Then he went on asking some more questions and ended with a medium puzzle.
  - e. He asked me if I had any questions. I asked him about the company and what an entry level RnD engg was expected to do, and he started telling about the company

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and since he was very passionate about the work he does this discussion was stretched by 15-20 min.

4. 4th Round (Technical+HR): Panel consisted of 4 interviewers and they were majorly focussing on puzzles (one thing which I haven't prepared). They asked 3 puzzles and 1 easy DSA question based on array.

### Sources of Preparation

LeetCode and InterviewBit are must, GeeksforGeeks is like an archive which can be referred to from time to time.

### Courses and Certification

Have done OOP, OS and DSA from BITS, and no other certification.

### Other Relevant Information

1. InterviewBit is a pool for standard questions for technical interviews (IB is essentially a subset of LC).
2. Prepare Tree DP and Graph, focus on recursion the most, as the key to solve DP and tree and many Graph DFS is recursion only.
3. To have a good grasp on recursion one should start at the earliest because it is not that intuitive but extremely important.
4. One should ask the interviewers questions at the end of the interview, no matter how your interview went, as by doing this you seem interested in the company.
5. Always read about the company before going for the interviews.
6. Order of importance of courses is: DSA > OOP > OS==DBMS.
7. Importance of OS and DBMS depends upon the domain of the company, but DSA and OOP are relevant to almost all the companies.
8. Placements can get very stressful and you might start having negative thoughts about it. This is where family and friends can support you and motivate you throughout the process because the placement process is very random and dynamic.
9. The company which you were very confident might reject you, and the one where you were having very less chance might select you, so just be hopeful, start coding as soon as possible, do relevant interns, and focus on your CG.

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**Sector:** IT

**Name:** Mayur Dhvaj Singh Khangarot (2016B3A30543P)

**Company:** Synopsys Bangalore

**Profile:** Research and Development Engineer II (Software Development)

### **Recruitment Procedure**

1. **Online Test** had 3 sections (90 minutes)
  - a. 15 Quant and Data Interpretation Questions which were of moderate difficulty.
  - b. 20 Programming and C++ related questions (2 coding questions included).
  - c. 8 DD and MuP related MCQs which were quite tough.
2. **2 Interviews:**
  - a. Both interviews were technical and there was no HR round specifically.
  - b. Questions were based on the fundamentals and in depth knowledge of DSA.
  - c. Proper code was not required, pseudo code was sufficient.
  - d. Almost all the questions were directly from InterviewBit so try to do as many questions on Arrays, Stacks, Queues, Trees, Strings, Hashing from IB.
  - e. Some Interview questions which I remember are: -
    - i. Given a matrix of m rows and n columns, return all the elements of the matrix in the spiral order.
    - ii. Right rotate an array k times.
    - iii. Data Structure design related problem.
    - iv. Theoretical questions related to OOP principles and basic OS questions like Semaphores, Deadlocks, Paging.
    - v. Some questions were asked on basic C and C++ theory which all of us have studied in 1-2(CP course).

### **Sources of Preparation**

InterviewBit, Leetcode, Youtube Videos for core CS topics like OOP, OS , DBMS.

### **Courses and Certification**

None

### **Other Relevant Information**

1. Start practising on LeetCode from the beginning, don't wait till the last moment.
2. Try to do some good technical projects so that you have something to talk about, and this will also help in minimising the number of random/hard questions in your interview. All the best for your placements.

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**Sector: IT**

**Name:** Priyesh Agarwal (2016B4A80585P)

**Company:** TCG Digital

**Profile:** Product Engineer

**Recruitment Procedure**

1. **Resume shortlisting**
2. The **Online Test** had 4 sections - logical, aptitude, case study and a section where they asked why we want to work with TCG.
3. **Interview:**
  - a. Was fairly easy. There were 3 people on the panel. I was asked to introduce myself.
  - b. Since I have mathematics as my dual, one of the interviewers asked me about my favourite subjects from mathematics as he was also from a maths background.
  - c. We had a long discussion about it and after it I was given a problem statement which was to increase the revenue of an airline company during Covid-19.
  - d. They asked me some basic questions related to my projects and then concluded the interview by asking two simple DSA questions along with some OOP questions.

**Sources of Preparation**

GeeksforGeeks, LeetCode and InterviewBit

**Courses and Certification**

DSA, OOP and OS.

**Other Relevant Information**

Try to learn the concepts of OOP, OS and DBMS well before the placements begin. Almost everyone answers the DSA questions that are asked in the interviews but the difference is mainly created based on your understanding about the concepts of OOP, OS and DBMS.

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**Sector:** IT Consulting

**Name:** Abhay Kanodia (2017A5PS1108P)

**Company:** TCG Digital

**Profile:** Consultant Analyst

**Recruitment Procedure:**

**1. Resume Shortlisting:**

- a. While all students were allowed to take the online exam, having a good one-page resume with key points highlighted in bold is highly advisable.
- b. A strong resume is a big plus in all companies' subsequent technical and HR rounds.

**2. Online Test** - The online test consisted of four different timed sections:

- a. Aptitude: Basic quant questions. 16 MCQ questions to be answered in 30 minutes.
- b. Basic coding related questions: Some code snippets were given along with 4 output options. Other questions were:
  - i. How many types of polymorphism are there in OOP?
  - ii. Which of the following differentiate between overloaded and overridden functions?
  - iii. 5 MCQ questions to be answered in 7 minutes.
- c. Algorithm writing: 1 question to be answered in 35 minutes:
  - i. Problem Statement – As we know, due to COVID many IT companies have allowed 100% WFH. There are several issues that concern workers and managers in the WFH environment. You are hired as an analyst and given a task whose objective is to highlight 3 major issues in each section and create an algorithm to help address them.
  - ii. A comprehensive theoretical description was sufficient; the writing of a code/pseudo code was not mandatory.
  - iii. The question was quite open ended, and the test takers could use any existing algorithm or create a new one. I used an ML based approach to solve the problem based on the knowledge I had from my PS-2 experience and Data Science Minor courses.
- d. HR questions: 3 questions to be answered in 20 mins. The questions were:
  - i. Why do you want to develop a career in analytics?
  - ii. What do you feel data analytics can achieve for our organization?

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iii. Why are you suited for the data analytics profile?

**3. Technical Interview:**

- a. It was a 25-minute interview with TCG Digital's CTO and a BITS alumnus working as a PM.
- b. It was focused solely on my Resume. I was first asked to explain my transition from Pharma to data science and analytics, followed by in-depth questions about my PS-1 and PS-2 projects.
- c. I was also asked to explain the work I did as NSS Coordinator.

**4. HR Interview:** It was mentioned in the Hiring Workflow, but it did not take place as the final recruits were decided based on the technical interview itself.

**Sources of Preparation**

Listed in the order of importance for consulting/analytics related profiles:

1. Aptitude: Books on Quant, LR, DI and Verbal Ability by Arun Sharma, Full length mock tests from PU training module.
2. Guesstimates and Case studies: Victor Cheng's Videos for concept building; Case in point, Case interview cracked and IIM Casebooks for practice.
3. SQL: w3resource
4. Python: Online courses on Python for data science and AI (Coursera), Machine Learning A-Z using python (Udemy).

A lot of this was not directly helpful for TCG's process but would generally be required for all companies depending on their recruitment rounds.

**Other Relevant Information**

Specially for Pharmacy students: Make sure you do not miss any online test for which you are eligible. I was about to miss the test because two companies deemed pharma ineligible after allowing us for the online test the previous day, and it was expected that TCG would do the same. Thanks to my batchmates who advised me to take the test and I eventually got hired as the only person for the Consultant role.

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**Sector:** IT

**Name:** Ishan Nigam (2016B1A40858P)

**Company:** Times Internet

**Profile:** Software Engineer

### **Recruitment Procedure**

1. There were a total of 4 rounds. As this was taking place during the Covid pandemic, therefore, all rounds were in online mode.
  - a. Coding test
  - b. Technical interview 1
  - c. Technical interview 2
  - d. HR (Telephonic)
2. **Round 1 (Online Test):**
  - a. Platform was TechGig which is also owned by Times Internet.
  - b. There were 20 MCQs and 1 coding question. Test duration was 30+30 Mins.
  - c. MCQs were based on logical reasoning and aptitude. The difficulty was easy.
  - d. In the coding part, the question was based on arrays, the difficulty level was easy-moderate.
3. **Round 2 (Technical 1 for 30 minutes):** I was asked to introduce myself. After that the interviewer asked me a few questions which were completely based on DS and Algorithms:
  - a. A simple coding question based on array with follow up questions around it (increasing the difficulty to moderate.)
  - b. System Design: To discuss data structures and algorithms used to implement the elevator system  
<https://stackoverflow.com/questions/12009556/datastructure-for-elevator-mechanism>
4. **Round 3 (Technical 2 for 30 minutes):** The introduction was skipped due to time constraints and I was asked mainly coding questions. Some of them were:
  - a. <https://www.geeksforgeeks.org/sort-binary-array-using-one-traversal/> but in time complexity better than  $O(n)$ .
  - b. What is BST? Find out whether a given binary tree is a BST or not. It was followed by a few follow up questions.

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- c. A few questions around pointers like what is a dangling pointer.
  - d. One or more questions that I don't remember.
5. **Round 4 (HR):** A telephonic interview where the duration of this round was only 15 minutes. Standard HR questions were asked. Since they offered the role for their subsidiary, Dineout, I was asked a few questions specific to that.

### Sources of Preparation

InterviewBit, GeeksForGeeks, LeetCode, Javatpoint, Slides.

### Courses and Certification

OOP, DSA, OS

### Other Relevant Information

1. Think twice before using big words on your resume such as: Data Science/ML/DL/etc. Be ready for some in depth questions if you've done so.
2. Go through some mock interviews to find out the vulnerable points on your resume where you falter.
3. Research well about the company you're applying to.

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**Sector:** IT

**Name:** Susmitha Chittineni (2016B3A30460P)

**Company:** VMware

**Profile:** Member Of Technical Staff

### Recruitment Procedure

1. Online Test, Technical Interview, Manager Interview, HR Round
2. The **Online Test** had MCQs (Aptitude, Technical) and a coding question
3. **Technical Interview:** The panel consisted of 2 members and it lasted for more than an hour. They asked 3 coding questions and were looking at my approach to solve the problems. Many questions on the concepts of OOP, OS and Computer Networks were asked.
4. Coding questions:
  - a. <https://www.geeksforgeeks.org/sliding-window-maximum-maximum-of-all-subarrays-of-size-k/>
  - b. Given 7 destinations and time taken to travel from one to another, how do you traverse through all the destinations in the minimum possible time
  - c. Given a crate of size  $l*w*h$  and the maximum weight it can hold. Many small boxes of varying sizes and weights are given. How do you arrange these boxes in the crate so as to fit as many boxes in the crate as possible
5. **Manager Interview** and **HR Round** were mostly behavioral

### Sources of Preparation

InterviewBit, GeeksforGeeks

### Courses and Certification

DSA, OOP, OS

### Other Relevant Information

1. Revise all the concepts in OOP, OS and Computer Networks.
2. While solving the coding questions, start by asking some clarifying questions. Once the question is clear, start with the brute force approach and move on to an efficient solution.
3. Always communicate what you are thinking.

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**Sector: IT**

**Name:** Rohit Bohra (2017A7PS0225P)

**Company:** Udaan

**Profile:** Engineer

**Recruitment Procedure**

**1. Coding Round 1:**

- a. One design question on “Movie Ticket Reservation Application” was given and 4 functionalities were to be written.
- b. Decent knowledge of OOP and debugging corner cases are enough to pass this test.
- c. All languages were allowed and code quality doesn't matter, only score does. A score of 90/100 was sufficient to clear the test.

**2. Coding Round 2:**

- a. “Flight Ticket Reservation Application” was to be designed in 1.5 hours.
- b. The working of the API is not essential.
- c. Focus on Code Quality, Modularity, and follow appropriate design patterns (if possible).

**3. Technical Interviews:**

- a. There were 2 technical interviews.
- b. Prepare your Resume thoroughly. Refer to the book mentioned below.
- c. Have sound knowledge of the work you have done in your internships and projects. No Subject Oriented or Coding Questions were asked.

**4. No HR round**

**Sources of Preparation**

LeetCode, GeeksForGeeks, Cracking the Coding Interview(Gayle McDowell)

**Courses and Certification**

DSA, OOP

**Other Relevant Information**

1. For Udaan, the DSA knowledge required is limited.
2. Strong knowledge of OOP and Coding Practices is required.
3. Have some basic knowledge of System Design as well.

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## Sector: IT

**Name:** Bhumika Nayyar (2016B2A30874P)

**Company:** Udaan

**Profile:** Engineer

### Recruitment Procedure

1. **Online Test 1:** The platform for the test was HackerRank. I had to implement a booking system using OOPs classes principle.
2. **Online Test 2:** Had to implement a full fledged working backend API application in 90 minutes.
3. **Interview 1:** Discussion on past projects and internships. Also, Udaan product-based problem discussion (more on the lines of product management).
4. **Interview 2:** Past internship experience and React and Redux questions (because my PS-2 was based on it).

### Sources of Preparation

PS-2 internship and personal projects

### Courses and Certification

OOP just for the first round.

### Other Relevant Information

A good opportunity for people who have a strong hold on web development.

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**Sector:** IT

**Name:** Anirudh Garg (2017A7PS0142P)

**Company:** Urban Company

**Profile:** Software Developer I

### **Recruitment Procedure**

1. **Online Coding Round:** Conducted on HackerEarth platform, which had 4 questions. I was able to solve 2 questions completely and 1 partially. The questions were based on string manipulation, arrays, DP, DFS and BFS.
2. **Technical Interview Round** where 10 of us were shortlisted.
  - a. First the coding round questions were discussed, and then 2 more questions were asked on array left-product, right-product and Dynamic Programming.
  - b. Some very basic OOP, DBMS, and OS topics were discussed at the end. I was able to answer almost everything in this round.
3. Finally 6 of us were called for the **Final Round:**
  - a. This round was majorly a System Design based round, designed to test various CS fundamentals, on the feet thinking and the applicant's approach towards a problem.
  - b. I was asked to design an online music streaming service like Gaana and most of the discussion revolved around the possible issues and solutions.
  - c. Reading a few articles on GeeksforGeeks would help a lot.
  - d. Lots of resume based discussion and other DS design was done at the end. Only I was selected for the role.

### **Sources of Preparation**

LeetCode, GeeksforGeeks, and various YouTube sources like KnowledgeCenter and CodeBix.

### **Courses and Certification**

DSA, DBMS, OOPS, Networks, OS etc. all hold a lot of importance but it is not a necessity to know them all by heart. No certifications as such.

### **Other Relevant Information**

Practice on various online coding platforms, familiarity helps a lot during coding rounds, focus on other subjects along with DSA, like DBMS, OOPS, OS and Networks.

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## Sector:IT

**Name:** Rohan Tibrewal (2017A3PS0322P)

**Company:** Wells Fargo

**Profile:** Program Associate- A

### Recruitment Procedure

1. **Resume Shortlisting:** Make sure to focus on making a resume properly and don't include stuff which you are not confident about as it may backfire.
2. **Online Test** - Hosted on AMCAT platform which had 3 sections:
  - a. English: Had pretty simple questions, around 12 questions in 15 minutes related to grammar, vocabulary and meanings.
  - b. Business aptitude: Had several case studies along with some graphical representations wherein we were told to make the best choice possible. This was a tricky section as there is no perfect answer to any question but we need to select least incorrect in any circumstance.
  - c. Coding section: There were 2 questions of medium-hard level difficulty (in 1 hour)
    - i. There was a pretty standard query based segment tree problem wherein we can update the value at any index and we needed to find how many indices within a given range is greater than a given threshold value.
    - ii. There was a graph based problem wherein we were given two sets of points and we needed to create a graph with weights equal to the square of Euclidean distance. Then minimum sum of weight so that there is bipartite matching between the two sets and return the sum as answer.
3. **Technical Interview:** Held on Zoom and lasted for around 1 hour. Started with my introduction and soon they started discussing the project.
  - a. Questions about the project:
    - i. The problem statement, how did you approach it and project architecture?
    - ii. What were the tech-stacks which were used, the end results and the whole journey of the software development life cycle? I had used REST APIs, so they asked me features of REST APIs and why we chose one over the other.
    - iii. Automation stuff and how it was implemented.
  - b. Questions on Problem Solving: They asked me to choose an editor of my choice and gave me certain questions to solve.

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- i. Given a long log file containing trillions of words separated by the delimiter as space, we have to basically find the word which has the maximum frequency. I first gave him a naive-approach. Then he asked me to optimize in terms of space, so instead of storing it in an array I directly used stringstream and hashing to find the required result.
  - ii. Given two strings we need to find the number of times the first string is present in the other. I first gave him a naive approach and then optimized it using the KMP algorithm. They were satisfied with my approach and then slipped into the CS fundamentals subjects.
- c. Questions on OOP & OS:
  - i. What is thread and process? Whose context switch is fast and why?
  - ii. Differentiate between user level and kernel level threads?
  - iii. What is the critical section and how can we achieve synchronization in threads?
  - iv. What is the difference between binary semaphore and mutex?
  - v. What is polymorphism and how do we achieve it in JAVA? Tell some examples
  - vi. Types of design patterns in Java, just the names.
  - vii. Deadlock conditions.
  - viii. Lastly he asked me about sorting algorithms and complexities of the same. Then he asked me to code heap sort. I told him the pseudo code and he was satisfied with that too.

#### 4. HR:

- a. Started with my basic introduction and then he asked about the problem statement I had solved in previous internships.
- b. Then he gave me a hypothetical scenario as to how would you study a human brain using NN and what activation-function, parameters tuning and model analysis that you would do. I gave him an approach to CNN. This was basically to test my confidence and communication skills.

#### Sources of Preparation

Coding: GeeksforGeeks, LeetCode, Codeforces ; CS courses: DSA (slides), OOP (Javatpoint and lecture slides are sufficient), OS(Javatpoint and gate smashers YouTube playlist)

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## Courses and Certification

DSA, OOP, OS, ML

## Other Relevant Information

1. Make your resume diligently and only include stuff which you are 100% sure about.
2. Be thorough about the projects which you include in the resume as they will always back up your profile and the interviewer will dig deep into it.
3. Be confident throughout the process, even if you get stuck, don't panic; the interviewers are very cordial and they will help you out.
4. Think out loud throughout the interview, even when you are asked to code in the technical round, keep talking about the approach and steps which you are taking, don't code silently.
5. Name the variables with some meaningful names as per the question, avoid using x and y. Include comments wherever necessary to make the code understandable.
6. Defend your CV, don't include anything you are not that well-versed with, it will backfire.

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**Sector:** IT.

**Name:** Sai Harsha Kantamaneni (2016B1A80238P)

**Company:** Wells Fargo

**Profile:** Program Associate

### **Recruitment Procedure**

1. **Online Test:** Difficulty was moderate. There were two questions, one based on 2D DP and the other was based on Knapsack algorithm. I was to solve one completely and the other partially.
2. **Technical Interview:**
  - a. Mainly based on core CS courses OOP, DSA, DBMS (was asked because I mentioned it in my resume).
  - b. They asked questions from all subjects starting with easy questions and increasing difficulty with each question until you keep solving.
  - c. Majority of the interview questions were theoretical from basic Data Structures (mainly Trees, I was even asked to explain Red Black Trees and AVL trees).
  - d. A coding question (Finding the index of a number in an array such that all elements to the right were smaller than the current element) was asked, they expected a solution in  $O(\lg n)$ .
  - e. They asked me to briefly explain the projects I had mentioned and some of the tech I had mentioned in the resume. The interview lasted for about 1 hour.
3. The **HR round** was a formality. All those who were selected for HR were selected for the job. He asked me generic questions like strengths and weaknesses. It was only about 10 minutes.

### **Sources of Preparation**

InterviewBit, LeetCode and GeeksforGeeks archives(will help a lot at the last moment). Start with LeetCode if you are starting coding.

### **Courses and Certification**

DSA, OOP, OS, Neural Network and Fuzzy Network

### **Other Relevant Information**

Try doing LeetCode contests, they help in time management for online exams.

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**Sector:** IT

**Name:** Ujjwal Aggarwal (2016B2A80909P)

**Company:** Wells Fargo

**Profile:** Program Associate

### **Recruitment Procedure**

#### **1. Online test:**

- a. 1 hour and 30 minutes.
- b. 3 sections - English, Business Analytics and Coding.
- c. The first two sections were very basic (Easy-Medium difficulty). Keeping a good pace in coding questions is recommended.

#### **2. Technical Interview:**

- a. The panel consisted of 3 people (1 Senior Manager + 2 Associates).
  - b. Due to online placements, 2 tech interviews were clubbed together. Please refer to previous year chronicles and GeeksforGeeks archives for the actual flow of interviews (2 Tech + 1 HR)
  - c. Initially I was grilled on my resume. They asked in-depth questions on my projects and internships.
  - d. My resume had ML and blockchain, so they asked a lot of questions on that. The kind of classifiers used, accuracy analysis, hyperparameters and better substitutes for the stated models.
  - e. Also, they asked generic questions on random forest, KNNs, CNNs, decision trees etc. and how ML and Blockchain can help the company.
  - f. Some questions on ELK stack were asked as it was mentioned in my internship TechStack.
  - g. Then they shifted to coding questions. A 2D DP question, shortest path algo and Prime numbers till N (Sieve). Further they asked questions on OOP (Polymorphism, abstraction and very basic Design Patterns use cases in real life), OS – Deadlock conditions and DBMS – indexing.
- 3. HR:** More of a Formality. Intro, Family Background, Why BITS over IIT and strengths and weaknesses.

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## **Sources of Preparation**

InterviewBit, GeeksForGeeks , LeetCode.

## **Courses and Certification**

OOP, OS, DBMS, DSA, Machine Learning, Neural Network and Fuzzy Logic

## **Other Relevant Information**

1. Projects related to ML and blockchain give a slight edge over others as the banking sector is moving towards that side.
2. Be thorough with your resume and all the projects mentioned in it. Revise the basics of core CS subjects. All the best!

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## Sector: IT

**Name:** Shashwat Khare (2017A8PS0249P)

**Company:** Wipro

**Profile:** Project Engineer

### Recruitment Procedure

1. **Online test:** There were reasoning questions, quantitative and qualitative analysis questions, behavioural/character analysis questions and 2 coding questions (medium level).
2. **Technical interview:** Asked questions like introducing yourself, about the resume, some programming questions, OOP concepts and DSA concepts. There was a puzzle which was asked – one heavy ball among eight balls – question and answer available on GeeksForGeeks.
3. **HR interview:** Typical HR questions like tell me about yourself, what do you like to do other than academics, location preference, etc.

### Sources of Preparation

- a. **GeeksForGeeks:** the best site for all levels because of the diverse range of questions and solutions on several DSA and programming problems
- b. **CodeChef:** builds that competitive programming skill which can give a significant edge in the coding rounds.
- c. **LeetCode:** good for practicing past interview questions.
- d. **Coding Blocks:** their courses on DSA and competitive programming were very good

### Courses and Certification

DSA, OS, OOP

### Other Relevant Information

1. The recruiters wanted to see if I had proper exposure to several domains of software technologies like I had mentioned in the resume.
2. The interviewer seemed quite happy that I had worked with multiple technologies like Android development, Deep Learning, Blockchain, IoT, and also had quality experience in multiple programming languages.

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**Sector:** IT

**Name:** Shubham Singh (2016B5A20720P)

**Company:** Wipro

**Profile:** Project Engineer

### Recruitment Procedure

1. **Online test:** 4 sections containing maths, MAT, data analysis and 2 coding questions. First questions had nested map, set implementation and the second one was straight forward Disjoint Set union.
2. **Technical Interview:** Was mainly based on resume projects and internships. I had software development experience so the questions were mainly based on that.
3. **HR round** - Was asked typical questions like:
  - a. What did you learn from this or that project?
  - b. Why Wipro?
  - c. How did you overcome any difficulty in your life?

### Sources of Preparation

1. Learned basics of DSA and did questions specifically on that topic from GeeksforGeeks or LeetCode.
2. Did Codeforces, CodeChef to experience coding under time pressure.
3. Completed InterviewBit questions.

### Courses and Certification

Did an Object Oriented Programming course on campus to get an IT practice school.

Audited Operating Systems course on campus as it is only asked in interviews and sometimes there are MCQs in the coding round.

### Other Relevant Information

1. Make sure to have an IT practice school as the 4 interviews that I gave revolved around this.
2. Having some IT course projects would be great. I did one in an OOP course and it really benefitted as everyone knows DSA if they have qualified the coding round, thus having the knowledge of other courses (OOP, OS, DBMS, System Design, etc.) can really be a crucial factor.
3. Go through the archives of the company on GeeksforGeeks. Be it coding or interview rounds, it helps a lot.

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**BITS Pilani**  
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# Domain: **Mechanical**

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**Sector:** Mechanical

**Name:** Kodiganti Sushanth (2017A4PS0135P)

**Company:** GAIL (India) Limited

**Profile:** Executive Trainee (Mechanical)

### **Recruitment Procedure**

1. **Resume Shortlisting**
2. Most of the **interview questions** were about my PS-I at L&T Metro Rail (Hyderabad), as it was closely related to the current job profile. I was asked about various welding processes, types of weld defects, and techniques to detect them.
3. This was followed by questions about different pumps and their applications. Some of which are:
  - a. How is a rotary pump different from a reciprocating pump?
  - b. What type of pump can be used when high flow rate but less increase in pressure is required?
  - c. What is the degree of reaction and how are pumps classified based on it?

### **Sources of Preparation**

1. Class notes and slides of Mechanical Engineering CDCs.
2. Articles about various types of pumps, compressors and turbines, and their applications.
3. Detailed articles about various welding processes.

### **Courses and Certification**

Prime Movers & Fluid Machines, Production Techniques / Manufacturing Processes, Fluid Mechanics

### **Other Relevant Information**

1. The interviewers mainly look for candidates with good technical knowledge. So, it is important that you revise these topics before the interview and answer each question confidently.
2. Even if you get stuck on some question, taking time to recall the answer would be better than directly asking to skip the question.

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**BITS Pilani**  
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# Domain:

# Product Management

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**Sector:** Product Management

**Name:** Ananya Malhotra (2017A8TS0589P)

**Company:** Flipkart

**Profile:** Associate Product Management

### Recruitment Procedure

1. The Recruitment Process involved 6 Rounds:
  - a. Pitch Deck: Students have to prepare a deck on the prompt provided by Flipkart within a span of 15 days.
  - b. Problem Solving: Multiple rounds of Root Cause Analysis, Guesstimate, and Market Entry Questions. We had two, but it would vary according to the standard set by the company in that particular year.
  - c. Product Thinking
  - d. Technical Interview: A basic knowledge of System Design, proficiency at coding isn't required.
  - e. Hiring Manager (Similar to HR)
2. There is elimination at every single stage.
3. The Pitch Deck round is open to all students for all the 3 campuses. Around 20-25 students make it through that round.
  - a. Be passionate about the product/problem that you chose to ideate on, it reflects in the deck.
  - b. Answer all the questions asked, else your deck shall be disqualified.
  - c. Both content and design are equally important.
4. After the Pitch Deck Round we were allocated buddies, the APMs who had been recruited the year before, to help us during the preparation and take mock sessions.
5. Each round is a 45-60 minute long interview, all of which were spread across 3 days. Our entire recruitment process was virtual because of the pandemic but I have been told that otherwise, the shortlisted students are called to Bangalore and all the rounds happen on a single day.

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## Sources of Preparation

1. Case books (Case In Point, University case books), Decode to Conquer, Cracking the PM interview,
2. Product Management blogs
3. Youtube channels: Exponent & Gaurav Sen for System Design.
4. Websites like: [stratechery](#) and [growth.design](#) helped me gain a wholesome understanding of what product management entails.
5. You can also subscribe to newsletters by TechCrunch, The Hustle and Ken for staying up to date about the world of Tech, something that will eventually come in handy for the last three rounds.
6. My Deck for reference:  
<https://drive.google.com/file/d/1ANrXfp76FuSX2OINROTQg5bWrM5tdzdg/view>

## Courses and Certification

There aren't any prerequisites. The preparation overlaps with consultancy preparation but bifurcates on the aspect that the focus is on the product, which as a part of the company (not for a client) you have to either debug, improve or create.

## Other Relevant Information

1. The sheer number of stages in the recruitment process might seem daunting but I assure you that this undertaking is both enjoyable and rewarding.
2. Flipkart gives you a decent 20-day incubation period where they prepare you for the interviews.
3. Even if you start from scratch and feel your peers have done internships in Product Management and have been studying it for months, you ought to have faith in yourself and your potential of being a fit for this job. Swallow the bitter pill of stoicism and give it your best shot.
4. Relentless case prep and being proactive about your preparation will do wonders. The number of mock cases that you'll practice with your peers will determine how well you'll do on the final day.

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