



INTERVIEWEE
TESTIMONIALS
PART II



BITS Pilani
Pilani Campus





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Domain:
IT

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Sector: IT

Name: Akash Pratap Singh (2018A8PS0462P)

Company: Metadome (Adloid Technologies), Gurgaon

Company description (2-3 lines):

Metadome (formerly Adloid) is an augmented reality venture plugging the customer experience gaps in omni channel retail. Our mission is to enable the end consumer make better purchase decisions making omni channel retail efficient and progressive.

Job Profile: SDE

Job Description:

- Work in a team to build AR products for Web, iOS, Android, PC
- Assist in planning, design, and execution of SOA backend platforms. Mostly around REST based Web
- Work with Web Frameworks (Django, Express, Flask etc.)

Location of Job: Gurgaon

Exit options: Not a good idea to write here but a hint if you're interested - Make something that people want!

No. of offers made: 5(SDE) + 1(APM)

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Selection Process:

Branches open to: All B.E. except pharma, single M.Sc. not allowed, dual sem PS students can apply

CGPA Criteria: 7+ after PS

Recruitment Procedure:

- Test + 2 Rounds of Technical Interview + 1 HR round
- **Test:** 3 coding questions, 1.5 Hours
- **Interviews-**
 - **Tech Round 1:**
 - This was mainly focused on basic questions and going to nitty gritty like implement a power function then work on all edge cases like negative powers, fractional powers. For example function should be able to handle things like -2 raised to power $\frac{3}{4}$
 - This round was focused on the whole implementation and tiniest details. It lasted for 1 hour.
 - Do a BFS traversal and also maintain a visit there is so that no node gets Traversed twice?
 - **Tech Round 2:**
 - In this round he just wanted me to explain the approach of every question and not much focus on coding. So he kept posing questions to me and I kept explaining the approach.
 - He started with prefix sum sort of questions, target sum array and all. This round was 1 hour round but it was very smooth and we kept discussing the approaches and all questions were done in around 20 minutes. He was extremely impressed.
 - Q: Given an integer A, how many structurally unique BST's (binary search trees) exist that can store values $1 \dots A$?
Sol: After I explained the approach, he then asked me to come up with a summation formula which directly gives the result.

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- Q: Given an Array[] of N elements and a number K. ($1 \leq K \leq N$). Split the given array into K subarrays (they must cover all the elements). The maximum subarray sum achievable out of K subarrays formed, must be the minimum possible. Find that possible subarray sum.
Input : Array[] = {1, 2, 3, 4}, K = 3
Output : 4
Optimal Split is {1, 2}, {3}, {4} . Maximum sum of all subarrays is 4, which is minimum possible for 3 splits.
Sol: In this I instantly said binary search and then he asked If I've seen it previously and then I told him the classic thumb rule.
- Extras: By the end I asked him what we'll be working on and it was mainly graphs and building an immersive experience like virtual tryout of clothes or jewellery for example.
- **HR Round:** For those who appeared it was around 30 minutes long. It was pretty late like midnight so they decided to not take the remaining students and decided based on the feedback from previous rounds so I didn't have to appear for HR round. I don't think they eliminated anyone in the HR round.



Sources of Preparation:

Leetcode and GFG

Suggestions / Other Information :

- As the interview experience for every individual is very unique. I've tried to recall those unique parts and putting it here. This I won't say is comprehensive but rest of the things you'll definitely find in some of my friends experiences like test questions and more preparation tips.
- Also, just prepare well and go with the flow, you'll definitely find an opportunity which makes you more than happy at the end. Wish you All the best!
- **Extras:** Other Interviews where I got selected were Saas Labs & Ola Electric.
 - For Ola there was a short 30 minutes round where they asked a puzzle which was based on the Prefix sum & Parity concept followed by probability questions. Then a short 10 minutes long HR round was there where we discussed life experiences.
 - Saas Labs[SDE]: CTC 24 (14 lpa base + 1.4 lpa year end bonus +1.1 l joining bonus + 3l retention bonus + 4.5l ESOPs)
 - Saas Labs interview was 1 hour round where they asked DSA, OOPs, Android Dev, Web Dev, System Design, Projects. It was more like one person comes up and once he is done with all his/her questions then other person came. A total of 4-5 people took the interview and last few minutes were HR like as well. Majority of the questions were from OOPs and Development and DSA questions were only easy to medium. Although they didn't ask to write code in any of them.
 - Ola Electric[SDE]: CTC 23 (Base - 20, Joining Bonus -3)
Ola Puzzle (It's a popular one from my school days): 10 people standing in a black or white hat. I'm standing on the last and I can see everyone's hat colour in front of me but I don't know mine. I need to devise a strategy where I tell the colour of my hat and the person in front of me is able to guess that correctly based on this information and then all others in the front as well. I had to maximise the number of people who will get their hat colours correctly. For the most efficient strategy all 9 in front of me will get all correct and mine with 50% chance.
 - A probability question I'm able to recall:
Four cats in a square can pick any direction individually and start moving with the same speed (not velocity obviously). Cats will only move along the edges. What is the probability they'll never collide?

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Sector: IT

Name: Saptarshi Das (2018A4PS0535P)

Company: Adloid Technologies

Company description:

Established in 2016, Gurugram based Adloid Technologies has been powering retailers, including the likes of Asian Paints, Tata Motors, Tanishq with augmented reality (AR) and deep technology to provide better customer experiences. It enables companies to augment trails and product catalogs, offering a close-to-real-life shopping experience.

Job Profile: Software Development Engineer (SDE)

Job Description:

- Work in a team to develop AR products for Android, PC, iOS, etc.
- Work with Web frameworks: Django, Flask, etc.
- Track defects and work with business owners and users to prioritize bugs and manage a backlog.
- Build/Deploy related work on AWS.

Location of Job: Gurgaon, Haryana.

No. of offers made: 5

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Selection Process

Branches open to: All branches except pharma and single degree MSc.

CGPA Criteria: 7.0 cutoff.

Recruitment Procedure:

- First round: Coding round: There were three questions. DSA based. About 26 students were shortlisted from the coding round.
- There were three rounds of interviews, about 40-45 minutes each.
- First round of the interview focused a little on DSA and little on my experience in PS-2.
- Second round of the interview was mainly about my knowledge on AR, VR, microservices, etc, which was zero. So the interviewer asked me questions related to designing, databases, AWS and again a lot of my PS-2 work.
- Final round was an HR/managerial round. It was mostly based on my ambitions, goals, although 2-3 questions came from technical fields as well.

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Sources of Preparation:

- Leetcode: Solved about 400 problems. Would suggest solving at least 200-300 problems before Placement season starts.
- Geeksforgeeks: Best place to study online. Studying DBMS, OS, OOP on GFG is a must for the placements.
- Spoj: Practiced around 50-70 problems on Spoj for competitive style coding.

Relevant Courses and Certification:

AWS by Amazon, on Coursera.

Suggestions / Other Information:

- Would suggest solving and understanding the underlying concepts of leetcode problems; as many as possible. (at least 60% questions should be of medium level, rest easy).
- Try to connect well with the interviewer (applicable for all the interviews), use hand gestures if possible, and take time to understand the problem.
- Be thorough with all the things that you write on your Resume. Mainly the PS-2 or other interview experiences. They dig very deep when it comes to internship related experiences.

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Sector: IT

Name: Anumala Abhinay (2018A2PS1032P)

Company: Ather Energy

Company description (2-3 lines):

Ather Energy, building fast and intelligent electric scooters in India. Ather was founded in 2013 by IIT Madras alumni, Tarun Mehta and Swapnil Jain. Supported and propelled by the founders of Flipkart, Tiger Global and Hero Motocorp, Ather has launched India's first truly intelligent electric scooters, the Ather 450 product line, powered by a comprehensive public charging network, the Ather Grid. We are expanding our footprint across the country and will be in around 30 cities in the coming months.

Job Profile: Software Developer

Job Description:

SDE Role:

- Software Development and data platform
- Product Development
- Quality Assurance
- Impact of Software Design decisions on varied aspects, e.g., Software deployment during Vehicle assembly
- Work with design teams and learn more about how to improve

Skill Set:

- A sound understanding of engineering fundamentals
- Aptitude to pick up a new technology and deliver solutions
- Analytical thinking and problem solving
- Ability to experiment and explore options that are out of the box
- To be able to work with minimal directions, but at the same time seek guidance when required

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Location of Job: Bangalore

No. of offers made: 1

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Selection Process:

Branches open to: All BE and Pharm

CGPA Criteria: None

Recruitment Procedure:

- Online Test:
 - Logical Reasoning
 - Coding Qs: based on DSA and OOP Concepts
- Problem statements Test:
- Given 3 problem statements. Students can pick up anyone problem out of their interest and follow the instructions to write the code, have to submit within 9 hrs.
 - The candidate has to build a working replica of the 2048 game.
 - Food delivery application:
 - This application should be able to form a bridge between restaurants and consumers.
 - Restaurant's owners must be able to sign up and list out their food items along with the price.
 - Users must be able to sign up, view the restaurants nearby once the restaurant is selected, the corresponding menu should be rendered and the user should be able to order the food items from selected restaurants. Restaurants should accept the order and the orders should be shown as a listing page.
 - The candidate needs to make an algorithm for auto indicator turning off making any assumptions on the ride on the scooter.
- Technical Interviews
 - Asked to solve one easy coding question and discussed about my internship and projects detailed.
- HR round : Nothing special, just a casual conversation about future goals, hobbies, etc.



Sources of Preparation:

GeeksForGeeks, LeetCode, interviewBit

Relevant Courses and Certification:

DSA, OOP, OS

Suggestions / Other Information:

- Be good with resume preparation
- The interview focused primarily on basic DSA concepts

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Sector: IT

Name: Tushar Yadav(2016A5PS0932P)

Company: Ather Energy

Company description (2-3 lines):

Ather Energy is building fast and intelligent electric scooters in India. Ather was founded in 2013 by IIT Madras alumni, Tarun Mehta and Swapnil Jain. Ather has launched India's first truly intelligent electric scooters, the Ather 450 product line, powered by a comprehensive public charging network, the Ather Grid.

Job Profile: Software Development

Job Description:

- Data Capture and Analysis : Google Cloud/IoT/Big Data
- Front End Development : Full Stack, Js, React React Native
- Application Development : Android, iOS, Node, BT, Wifi
- Data Tools : Python, R

Skillset:

- A sound understanding of engineering fundamentals.
- Aptitude to pick up a new technology and deliver solutions.
- Analytical thinking and problem solving.
- Ability to experiment and explore options that are out of the box.
- To be able to work with minimal directions, but at the same time seek guidance when required.

Location of Job: Base Location -Bengaluru, India.

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Sector: IT

Name: Sohil Khan (2017B3A30591P)

Company: AU Small Finance Bank

Company description (2-3 lines):

AU Small Finance Bank Limited is an Indian scheduled commercial bank that was founded as vehicle finance company AU Financiers (India) Ltd in 1996 and converted to a small finance bank on 19 April 2017. AU Small Finance Bank serves low and middle-income individuals and micro and small businesses that have limited or no access to formal banking and finance channels. The Bank offers loans, deposits, and payment products and services.

Job Profile: Software Development Engineer

Job Description:

Responsibilities:

- Design and code the right solutions starting with broadly defined problems.
- Drive best practices and engineering excellence.
- Work with other team members to develop the architecture and design of new and current systems.
- Work in an agile environment to deliver high-quality software.

Skill Set:

- Programming experience with at least one modern language such as Java, C++, or C# including object-oriented design.
- Excellent problem-solving skills.
- Demonstrable academic project-level experience.
- Possess an extremely sound understanding of areas in the basic areas of Computer Science such as Algorithms, Data Structures, Object Oriented Design, Databases, Design Patterns.

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Location of Job: Mumbai

Exit options: Apply Off-campus

No. of offers made: 2

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting, Technical Interview, HR Interview
- **Technical Interview :**
 - The interview started with my introduction and then discussed the projects mentioned in my Resume.
 - The first question was similar to Merge Sorted arrays (Leetcode Problem 88). The interviewer asked me to explain my approach, at first, then asked me to code. I was given 15-20 min to write the solution.
 - After this, he asked me to write a SQL query to get some selected columns from two tables.
 - Some theory of OOPs was asked too.
- **HR Round:** Basic HR questions such as my strengths and weaknesses, what I liked and disliked about the online interview process.

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Sources of Preparation:

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

Relevant Courses and Certification:

Need to have knowledge of OOP, DBMS, and DSA.

Suggestions / Other Information :

- The importance of OS and DBMS depends upon the domain of the company, but DSA and OOP are relevant to almost all the companies.
- 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.
- 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.
- Don't fake your resume. Know the projects and courses mentioned on your resume thoroughly.



Sector: IT

Name: Shivam Agarwal (2017B5A20969P)

Company: Axtria

Company description (2-3 lines):

By seamlessly blending information, analytics, and technology on the cloud, Axtria helps life sciences organizations gain a competitive edge to improve patient outcomes and drive business growth. Real-world problems are at the center of our product suite, enabling innovation across commercial organizations with breakthrough AI/ML-driven innovation.

Job Profile: Associate

Job Description:

- PROBLEM SOLVING - Execute complex solutions for defined problems with guidance
- TECHNICAL SKILLS - Actively pursue the development of new technical skills and / or tools for data manipulation, analysis, operations or visualization.
- BUSINESS KNOWLEDGE - Gain familiarity with industry data sources grasp business context to be able to navigate and work with large complex sources of data
- COMMUNICATION - Create client-ready collaterals with support and direction. Articulate ideas & info clearly.
- CULTURAL FIT - Understand and strive to demonstrate Axtria values (Do the RIGHT thing). Accomplish tasks completely, on time, with a high level of quality. Maintain a positive and professional approach to support team culture.

No. of offers made: 10

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Selection Process

Branches open to: All dual degree students,

CGPA Criteria: 6+ CG post PS2

Recruitment Procedure:

- Online test, interview.
- Test had 2 parts:
 - Aptitude (60 Questions)
 - Tech based (15 Questions)
- Total time for the test was 90 mins. So maintaining speed was important. Going back to the previous question was allowed.
- Interview had 2 rounds
- First round was resume based, with questions from subjects written on my profile like OOPs, OS, DSA. Questions were very easy and for dsa questions only logic was required.
- Second was the HR round with situational questions like what if you are a manager to a new hire who took longer than previously promised deadline. And some other questions surrounding this scenario from a different perspective. After this were some basic HR questions like biggest achievement, challenge, strength and weaknesses etc.

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Sources of Preparation:

I did online courses on DSA, oops, OS etc. No extra preparation for interviews.

Suggestions / Other Information:

- Make sure you are prepared to answer any question regarding your resume.
- Be confident during interviews.
- Try not to tell any major weaknesses during the HR round.

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Sector: IT

Name: Anupam Arvind Srivastava (2018A3PS0433P)

Company: Barclays

Company description (2-3 lines):

Barclays is a British multinational universal bank, headquartered in London, England. Barclays operates as two divisions, Barclays UK and Barclays International, supported by a service company, Barclays Execution Services.

Job Profile: Developer Analyst

Job Description:

- Design, installation, testing, and maintenance of existing and new systems.
- Finding innovative solutions to complex problems, for our clients and customers daily.
- Work in a varied and dynamic technical environment that includes Windows, Unix, C++, Java, C#, NoSql, MongoDB, Linux, Python, Hadoop, scripting languages, grid computing, and real-time systems.
- Design and innovate products using the newest technologies
- Provide an intelligence-led approach to cyber security
- Develop intuitive user interfaces for applications
- Optimize systems and applications
- Analyze code to improve processes
- Write scripts for data pulls and analysis
- Work with business areas to understand and meet their needs.

Location of Job: Pune/Chennai

Exit options: MS in CS or MBA

No. of offers made: 2

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Selection Process

Branches open to: A3/A7/A8

CGPA Criteria: 6

Recruitment Procedure:

- Resume shortlisting, Online Tests, Technical Interview, HR Interview
- Online Tests -
 - First Online Test - This test included common Cognitive ability and LR questions. Each section was timed. The total duration was 90min.
 - Second Online Test - This test had 2 coding questions. The total time for the test was 1hr.
- Both the tests were conducted on SHL.
- Technical Interview - This round started with basic resume questions. The candidate is expected to be thorough with his/her resume. This was followed by basic OOP and DSA questions.
- After this, a few questions were asked on Cloud computing.
- HR Interview - Question on past work experiences and learning outcomes were asked along with some generic character-based questions. Knowing about company values from the Barclays website was important for this round.

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Sources of Preparation:

GFG, InterviewBits, Leetcode, and Youtube.

Relevant Courses and Certification:

OOP, DSA, and DBMS

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Sector: IT

Name: Niharika Rastogi (2018A8PS0752P)

Company: Barclays

Company description (2-3 lines):

Barclays is a British universal bank. It is diversified by business, by different types of customers and clients, and by geography. Its businesses include consumer banking and payments operations around the world, as well as a top-tier, full service, global corporate and investment bank, all of which are supported by its service company which provides technology, operations and functional services across the Group.

Job Profile: Developer Analyst (SDE)

Job Description:

- Design and implement new features based on business and technical requirements
- Work closely with the globally distributed development teams for development and maintenance applications.
- Responsible for working with business users to gather, understand, collate and document business requirements. Communicate with business to understand the requirements.
- Understand existing implementation and deliver the additional functionalities that the business request
- Adhere to the processes laid down by the Program and Project team to produce high quality deliverables and work artefacts.

Location of Job: Pune/Chennai

Exit options: MBA in IIM, Joining Software/Private equity firms in the future

No. of offers made: 2

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Selection Process:

Branches open to: CS, EEE, ENI

CGPA Cutoff Criteria: 6 CGPA post PS-2

Recruitment Procedure:

- Resume shortlisting, Online Test, Interviews (2 rounds)
- Online test:
 - Stage 1: A fictitious business narrative which requires you to complete a short series of Intellect, Logical reasoning & values questions. Upon completion of this stage, you will be automatically invited to take part in Stage 2.
 - Stage 2: MCQs based on CS subjects and a coding test - 2 Ques.
- Interview Round 1:
 - In-depth questions on technologies used in projects and internships done and a few branch related questions on RISC and CISC. Questions were more situational based than actual coding. A lot of discussion was done on the latest technological and business trends going on.
 - Questions on Data Structures (Trees, Graphs - traversals, etc.) and real-world examples of the same, comparison between languages known, loops and recursion.
 - Questions on OS (process definition, Round robin etc.) and SQL(joins, primary and Foreign keys, etc.)
- Interview Round 2: Questions from basic data structures and behavioral questions.

Sources of Preparation:

GFG, Leetcode

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Relevant Courses and Certification:

OS, DSA, OOP (self), DBMS (self)

Suggestions / Other Information:

There is no HR round, but in Barclays it was important and necessary that you aligned your whole answers in previous rounds to their values. Study their value RISES and try to orient answers that are aligned to them. Be confident in what you know.

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Sector: IT

Name: Aadarsh Anand Swaroop Asthana (2018A7PS0201P)

Company: Barco

Company description (2-3 lines):

Barco specializes in digital projection and imaging technology as well as products and solutions for web conferences and virtual/hybrid classrooms

Job Profile: SDE

Location of Job: Noida

No. of offers made: 1

Selection Process

Branches open to: All BE

CGPA Criteria: 3

Recruitment Procedure:

- Test-Interview(Technical)-Interview(HR)
- Technical interview evaluated programming skills. OOP and OS concepts were also asked. Also questions based on projects and internships in the resume will be asked.

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Sources of Preparation:

DSA revision on GFG. OS and OOP concepts revision.

Relevant Courses and Certification:

DSA, OOP, OS

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Sector: IT

Name: Paritosh Saksena (2018A3PS0365P)

Company: Barco

Company description (2-3 lines):

Barco NV is a Belgian technology company that specializes in digital projection and imaging technology, focusing on three core markets: entertainment, enterprise, and healthcare.

Job Profile: SDE

Job Description:

Barco is hiring for it's Global Empowered to Accelerate Experience division (GEAX).

Location of Job: Noida

No. of offers made: 8

Selection Process

Branches open to: All B.E. (except B.Pharm and single degree M.Sc.)

CGPA Criteria: NA

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Recruitment Procedure:

- **Online Test:** The online test was for a duration of 90 mins. It included questions on DSA as well as coding questions.
- **Technical Interview:**
 - Some basic questions of DSA were asked along with some Resume grilling. The DSA questions included questions about stack, queues, whether function arguments are stored in heap or stack and difference between Hash-maps and Dictionaries.
 - The interviewer focused on Internships, projects as well as whether you have done any project/extra-curricular activity as a team and what were the challenges you faced and how did you overcome them.
 - Also, they want you to be able to code in C/C++
- **HR Interview:** This was a very chill round for me. The interviewer just wanted me to tell a bit about myself, why I am a fit for the role, and why I chose Barco, How do I tackle problems and what are my short and long term goals while working at Barco.

Sources of Preparation:

Continuously practicing and solving question on Leetcode will help a lot while attempting the test. Also go through general interview experiences available online on websites like geekforgeeks, InterviewBit so that you can get to know what sort of questions are asked in the interviews.

Relevant Courses and Certification:

DSA. Other than this the questions asked are more from what all you have mentioned in your resume.

Suggestions / Other Information:

- It is not necessary for you to know all the concepts during interviews. If you feel like you don't know the answer, just say so.
- It would be better if you know a bit about the products of the company before your HR interview. So just google or go to their website and read articles about the GEAX division and get a gist of what the company/division does.

Sector: IT

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Name: Pratik R Borikar (2017B3A70550P)

Company: Bloomreach Technologies

Company description (2-3 lines):

Bloomreach is a digital experience platform made for e-commerce. The company leverages the power of customer and product data by integrating AI techniques to provide reliable and scalable solutions. The solutions are aimed at improving the ARR (Average Rate of Return) of clients by focusing on activities which increase the purchase of goods and services, and winning over the loyalty of the customers through a magical and meaningful experience.

Job Profile: Member Of Technical Staff

Job Description:

SDE Role:

- Maintaining and Engineering data pipelines and dealing with customer issues.
- Create and maintain programs to reduce CODB efforts of teams
- Using scalable and reliable technology to write highly efficient code according to company standards to handle large amounts and varied data.
- Drive decision making through critical and innovative analysis
- Self-driven individual with an entrepreneurial mindset
- Fast-learner who can adapt to changing environments

Location of Job: Bengaluru (Remote for now)

Exit options: Higher Studies - MBA / MTech, opportunities at other firms dealing with software products.

No. of offers made: 1

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Selection Process

Branches open to: CSE (B.E and Dual Degree)

CGPA Criteria: Not Mentioned

Recruitment Procedure:

PPO through PS2

Sources of Preparation:

Leetcode, Interviewbit, OOP, DSA

Relevant Courses and Certification:

- Object oriented Programming
- Data Structures and Algorithms
- Python Programming

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Sector: IT

Name: Yash Pratap Singh (2016B2A10610P)

Company: BrowserStack

Company description (2-3 lines):

BrowserStack provides developers instant access to a cloud platform that allows them to comprehensively test their websites and mobile applications on 2,500+ real devices and browsers, replacing the need for teams to own and manage an in-house test infrastructure

Job Profile: Software Developer

Job Description:

- Writing high quality code, participating in code reviews, designing/architecting systems of varying complexity and scope, and creating high quality documentation supporting the design/coding tasks
- Lead out team meetings, stand-ups, and architecture/design discussions
- Identify areas of improvement in our frameworks, tools, processes and strive to make them better. Evaluate our success metrics and evolve our reporting systems
- Works on the web application layer, backend, systems, streaming and other associated technology to build our product and components

Location of Job: Office is located in Mumbai but the company is remote-first.

No. of offers made: 1

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Selection Process

Branches open to: All B.E. and Dual Degree

CGPA Criteria: 6 and above

Recruitment Procedure: Online assessment -> Technical Interview 1 -> Technical Interview 2

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Sources of Preparation:

- I had solved a total of around 200 questions (Interviewbit + Leetcode)
- Had done a PS2 as a Fullstack developer (Experience with HTML, Javascript, Node - useful during the process).

Relevant Courses and Certification:

HTML, Javascript, Nodejs, socket.io, OOP, OS, DSA

Suggestions / Other Information:

- They did not ask any DSA (Competitive Coding) questions.
- Go through previous years BrowserStack interview experiences on GFG (keywords : UNIX tail command, Operating on a large file), the questions asked are always similar to those.
- For the online assessment search for BrowserStack Online assessment on Leetcode and look for a set with a reverse proxy question.
- They provided us with a document where they mentioned the scope of the interview, **go through this document properly, it can get you placed here. Web Dev knowledge is a must.**
- Others were asked questions on Operating Systems (Process Scheduling and Interprocess Communication).
- If you are reading this a day before the interview without any prior web dev experience, just go through a 1hr tutorial for HTML and Javascript each. Then make sure you go through the preparation document they provide. This will take you no more than 6-7 hours. There is no point in going through DSA questions at the last minute so might as well dedicate time to this.
- Knowing how the internet works can help you describe your web dev projects so make sure you have your basics right. I had not done any computer networks course prior.

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Sector: IT

Name: Aaryan Budhiraja (2017B4A40670P)

Company: Bundl Technologies Pvt. Ltd (Swiggy)

Company description (2-3 lines):

Swiggy is one of India's most significant online food ordering and delivery platforms, founded in July 2014. Bundl Technologies Private Limited operates Swiggy and its activities.

Job Profile: SDE-I

Job Description:

- Backend development at Payment's team in Swiggy
- Skills required: Java, OOP, DSA, Backend frameworks, Docker, Github

Location of Job: Bangalore

Exit options: No exit options

No. of offers made: 1

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: None

Recruitment Procedure: Got internship through PS 2, had a pre-placement interview at the end of the internship before selection.

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Sources of Preparation:

GeeksForGeeks, Leetcode, Youtube

Relevant Courses and Certification:

DSA, OOP

Suggestions / Other Information :

Prepare for frontend/backend development beforehand to some extent, will help in an easier internship experience

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Sector: IT

Name: Anmol Sharma (2018A8PS0781P)

Company: Bundl Technologies Pvt. Ltd (Swiggy)

Company description (2-3 lines):

Swiggy is a leading food ordering and delivery Start-Up in India. The company started operations in 2014 and is headquartered in Bengaluru. Swiggy works by acting as a bridge between customers and restaurants. It utilizes an innovative technology platform that allows customers to order food from nearby restaurants and get it delivered to their doorstep.

Job Profile: Software Development

Location of Job: Bangalore (Currently working as remote)

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Sources of Preparation:

- DSA: Geekforgeeks, LeetCode(the best source), CodeChef (CCDSAP), CP- algorithms for each topic's problems and implementation, Codeforces.
- 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.

Relevant Courses and Certification:

OOP, OS, DSA

Suggestions / Other Information :

- The interviews focused primarily on DSA concepts focussed primarily. Focussed primarily on the projects that are given to you in the PS-2 and try to deliver them,
- Read the company's leadership principles and the interview archives on GeeksForGeeks before the Pre Placement Interview.

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Sector: IT

Name: Ujjawal Gupta (2017B2A81036P)

Company: Bundl Technologies Pvt. Ltd (Swiggy)

Company description (2-3 lines):

Swiggy is a food delivery platform in its core, the services of which can be accessed from Android and IOS devices, and through the website. It partners with a wide range of restaurants and provides easy access to diverse food dishes from varying cuisines.

Job Profile: Software Dev Engineer -I

Job Description:

Role:

- Work closely with senior engineers to design, implement and deploy applications.
- Design software and make technology choices across the stack (from data storage to application to front-end).
- Management and execution against project plans and delivery commitments

Skill Set:

- Possess an extremely sound understanding of basic areas of Computer Science such as Algorithms, Data Structures, Object Oriented Design, Databases.
- coding skills in an object oriented language such as Java
- Great problem solving skills and propensity to learn and develop tech talent.
- Excellent verbal and written communication skills.

Location of Job: Base Location - Bangalore but currently wfh.

Exit options: No plan as of now.

No. of offers made: 1

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: PS2 cutoff

Recruitment Procedure:

- After the 5 month internship period we were asked to prepare a PPT presentation revolving around our work and contribution to the team.
- The presentation was to be presented to a panel of senior software engineers and managers in which they asked questions and tested our understanding of the work done during the internship period.
- Finally offers were rolled out on the basis of managers recommendation and the PPT performance of the Candidates.

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Sources of Preparation:

During the Internship for preparation of placements i practiced questions on leetcode. After some time I was confident that I could secure a PPO at the organization so I focused more on the development work assigned to me rather than the placement prep.

Relevant Courses and Certification:

DBMS, OOPs, Os and DSA.

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Sector: IT

Name: Vishal Agarwal (2018A8PS0459P)

Company: Bundl Technologies - Swiggy

Company description (2-3 lines):

Swiggy is India's leading on-demand delivery platform with a tech-first approach to logistics and a solution-first approach to consumer demands. With a presence in 500 cities across India, partnerships with hundreds of thousands of restaurants, an employee base of over 5000, a 2 lakh strong independent fleet of Delivery Executives, it delivers unparalleled convenience driven by continuous innovation. Built on the back of robust ML technology and fuelled by terabytes of data processed every day, Swiggy offers a fast, seamless and reliable delivery experience for millions of customers across India.

Job Profile: SDE-1

Job Description:

We are looking for engineers who have hands-on experience in building highly reliable distributed systems and have deep expertise in database design & performance tuning. Knowledge of Machine Learning and other Predictive Modelling techniques will be an added strength. Few interesting problems we are solving include: 1. Client-facing Applications 2. Smart Catalog & Category Intelligence 3. Personalized Search & Merchandising experience 4. Payments 5. Pricing 6. Order Management System At Swiggy, SDE I(s) play an integral role in owning end-to-end Design/Architecture of complex systems. They co-own the technology vision of the respective team and significantly contribute to the overall success of the team. They partner with the product/business teams to understand the product features and specifications, translate them into high level and low-level design thereby facilitating the team in design and development of mission critical applications.

Location of Job: Bangalore

Exit options: Masters abroad, Business

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BITS Pilani
Pilani Campus

Selection Process

PS2- PPO

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Sector: IT

Name: Apurv Kumar Shukla (2018A8TS0405P)

Company: Ceremorphic, Inc.

Job Profile: Algorithm and ML Engineer

Location of Job: Hyderabad (Headquartered in U.S.)

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Selection Process:

Branches open to: CS, EEE, EnI

CGPA Criteria: 6.5 and above (Pre-PS2 grades)

Recruitment Procedure:

- Resume Shortlist
- Online Assessment (Duration 90 minutes):
 - The online test had 15 questions from CS fundamentals (Operating systems, OOPs, and C, C++ code outputs) and a few machine learning concepts.
 - Programming questions (three) were moderate and based on binary string manipulation, range subset sum queries and maximum length of balanced subarray.
- Technical Interview-Round 1 (Duration ~1 hour 30 minutes):
 - The interviewer asked to write the pseudo code in the editor, explain the logic and the dry run.
 - The first question was to find the lowest common ancestor of a binary tree. On giving the recursive solution he asked to dry run it line by line. A suggestion here is to begin with the unoptimized approach (both space and time) and then move to the optimal, discussing the time and space complexities.
 - The second question was a modified version of 0/1 knapsack.
 - The third question was the “Number of Islands” problem on Leetcode. The interviewer was convinced with the DFS solution and asked to brief on the BFS solution as well.
 - Next he asked a few questions on memory management and to explain some of the scheduling algorithms from operating systems.
 - Concept of polymorphism and what are virtual functions (OOPs) ?
- Technical Interview-Round 2 (Duration ~1 hour 30 minutes):
 - This round was based more on topics from deep learning, ML and resume grill.
 - The interviewer asked to write the mathematical equation of stochastic gradient descent, sketch and explain the learning and loss-weight curves.
 - Given the kernel size, padding, stride and input image, compute the shape of the feature map after the 2D convolution.
 - For the DSA part, the interviewer first asked to write a class implementation of TreeNode (binary tree) and asked questions on

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- constructor calls, “this” keyword, how the memory would be allocated at runtime etc.
- Next, I was asked to write the code to get the level order traversal of a binary tree and dry run it. She further modified the question to print the same traversal in a spiral manner.
 - Another question was where we need to find the unique element in an array where every other element is repeated twice. The bitwise-xor approach was expected.
 - Apart from the above mentioned, technical questions were asked based on each internship and project mentioned on my resume and the learnings from the conferences I had attended.
 - Explain the architecture of Mask-RCNN in simple terms (was used in one of my projects). I was also asked to mention the key differences between ML and deep learning.
 - Towards the end, the interviewer asked about my sources of preparation and as to where I learned the computer science fundamentals and if I am interested in projects on embedded systems, MLIR etc. I was also asked if I am sound with the concepts of Digital Design and Microprocessors.



Sector: IT

Name: Abinash Mishra (2018A1PS0711P)

Company: Cisco

Company description (2-3 lines):

Cisco is an American multinational technology conglomerate corporation headquartered in San Jose, California. Integral to the growth of Silicon Valley, Cisco develops, manufactures, and sells networking hardware, software, telecommunications equipment and other high-technology services and products.

Job Profile: Software Engineer - Network/Embedded/Application Development

Job Description:

- Solid understanding of computer science fundamentals and software engineering with an aptitude for learning new technologies.
- Fundamentals of TCP/IP networking fundamentals, concepts of routing, switching. Basics of routers, switches, network debugging tools, techniques, hands on will be a big plus.
- Fundamentals of security technologies like Firewall, IPS/IDS, VPN, Inspections, IPsec, TLS etc. Conceptual understanding of data security, threat vectors, mechanisms, actors and landscape will be a big plus.
- Strong knowledge of programming and scripting languages like python.
- Strong programming skills inclined towards optimization and performance.
- Familiar with more than one development environment, well-versed with at least one.
- Strong testing inclination to ensure programs are comprehensive and well tested for all use cases.
- Possess creative problem-solving skills and excellent troubleshooting/debugging skills.
- Experience in establishing and sustaining excellent relationships with the extended team.

Location of Job: Bengaluru/Chennai/Pune based on preference

No. of offers made: 1

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Selection Process

Branches open to: All B.E., B.Pharm and dual degree students

CGPA Criteria: 6 and above

Recruitment Procedure:

- Online test, Round 1 Interview, Round 2 Interview, Round 3 Interview, HR Interview
- Online test had 2 sections and was of 1 hour duration:
 - Section 1: MCQs based on aptitude, Computer Subjects like (OOP, Computer Networks), Science/Core based questions (Total 15 questions)
 - Section 2: 2 coding questions based on DSA
- The shortlists were informed on the same day the online test was conducted and interviews were scheduled on the next day.
- Round 1 Interview: It was a technical interview where preferred programming language was asked and based on that, a few theoretical questions, followed by a coding problem was asked. It was expected to write the complete code and compile the same correctly. The interview went for around 45-50 minutes.
- Round 2 Interview: Round 2 interview was of around 20 minutes where the interviewer asked questions related to resume and also questions like “Why software engineering, being a Chemical engineer” etc. He asked a few theoretical questions on Graph traversals before closing the interview.
- Round 3 Interview: Round 3 interview was more of a discussion based interview on the projects mentioned in the resume. Then the interviewer asked about the awareness of Cisco products and there was some more discussion on the same, followed by a troubleshooting problem. It lasted for around 40-50 minutes.
- HR Interview: The HR interview had a duration of around 20 minutes. The interviewer asked basic questions like “What are your aspirations after graduating from college”, “Are you ready to relocate once the Covid cases come down” etc. The HR discussed the CTC breakup and few other details before closing the interview.

Sources of Preparation:

Solved problems from InterviewBit, GeeksforGeeks and Leetcode. For Python based interviews referred to the notes of the Python Engineer and for additional problems referred to the Neetcode Youtube channel.

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Suggestions / Other Information :

- Mention only those things that you know completely in your resume
- Try to mention used cases to the interviewer when you are asked about your experience at previous organisations

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Sector: IT

Name: Navtesh Singh Chauhan (2018A3PS0581P)

Company: Cisco

Company description (2-3 lines):

Cisco Systems, Inc. is an American multinational technology conglomerate corporation headquartered in San Jose, California. Integral to the growth of Silicon Valley, Cisco develops, manufactures, and sells networking hardware, software, telecommunications equipment and other high-technology services and products.

Job Profile: Software Engineer - Network/Embedded/Application Development

Job Description:

- Play a crucial role in driving next-gen software innovations including cloud, mobile, desktop or security spaces.
- Build applications that make technology accessible to people on a variety of devices.
- Develop software and tools in support of design, infrastructure and technology platforms, including operating systems, compilers, routers, networks, utilities, databases and Internet-related tools.

Location of Job: Bangalore/Pune/Chennai

Exit options: M.S/MTech, Joining other Product based Companies

No. of offers made: 4

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Selection Process:

Branches open to: All B.E. and Dual Degree

CGPA Criteria: 6.0

Recruitment Procedure:

- The whole process comprised of 5 rounds.
- Round 1 – Online coding test on HackerRank platform. 2 coding questions and 15 MCQs on Computer Networks and General Aptitude.
- Round 2 (Technical Round) - It started with discussion on Projects and Internships. Next, a Question was asked on binary trees. (Give root and node in a binary tree, find parent of that node). Next, some questions on Operating Systems and Computer Networks were asked.
- Round 3&4 (Managerial Round) – Detailed discussion on Internships, Projects, future aspirations, etc.
- Round 5 (HR Round) – Basic HR questions.

Sources of Preparation:

For OS and Computer Networks, course slides and Notes are sufficient. For DSA, medium level questions on GFG/Leetcode.

Relevant Courses and Certification:

OS, CN, OOP.

Suggestions / Other Information :

- You must be confident with your OS and CN concepts.
- Be prepared for some detailed discussion on your projects and internships.

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Sector: IT

Name: Pratyush Pathak (2017B3A30661P)

Company: Cisco Systems

Company description (2-3 lines):

Cisco Systems, Inc. is an American multinational technology conglomerate headquartered in San Jose, California, in the center of Silicon Valley, that develops, manufactures and sells networking hardware, telecommunications equipment and other high-technology services and products. Through its numerous acquired subsidiaries, such as OpenDNS, WebEx, Jabber and Jasper, Cisco specializes into specific tech markets, such as Internet of Things (IoT), domain security and energy management.

Job Profile: Software Development Engineer (Data Analysis/AI/ML)

Job Description:

The project that I worked upon was primarily based on data analysis. The primary goal of the project was to use entropy as a method for estimating the deviation of the sensor readings for intrinsic as well as extrinsic parameters from the expected values. The project revolved around constructing a failure prediction model for hardware by computing entropies for different router datasets using multiple probability distributions and entropy pools, thereby employing entropy as a compact framework to measure the overall health of the system.

Location of Job: Bengaluru

Exit options: Joining other IT firms that offer SDE/Data Analyst roles, MS in AI/ML

No. of offers made: 8

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Selection Process:

Branches open to: CS, EEE, ECE and ENI (Dual Degree allowed)

CGPA Criteria: Not explicitly mentioned

Recruitment Procedure:

Did a 6-month internship at the company via Practice School-II. After successful completion, I was offered a PPO, which I accepted.

Sources of Preparation:

Online coding websites, Youtube videos, any sources provided by mentor/manager.

Relevant Courses and Certification:

- DSA
- AI/ML
- Python

Suggestions / Other Information :

- The resume should be crisp and good. Also, it would be advisable to do a number of projects in the field that one wants to pursue as the projects are allocated on the basis of projects and resume.
- Be proactive in sharing the status of work done with your mentor/manager.

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Sector: IT

Name: Vedika Rathi (2017B5A30826P)

Company: Cisco

Company description (2-3 lines):

Cisco is the worldwide leader in IT and networking. They help companies of all sizes transform how people connect, communicate, and collaborate.

Job Profile: Software Engineer

Location of Job: Bangalore, Pune, Chennai

Exit options: MBA, MS

No. of offers made: 4

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Selection Process

Branches open to: All B.E. including Pharma, For single degree only MSc Maths and Physics

CGPA Criteria: 6+ post PS2

Recruitment Procedure:

- **Online Test(1 hour) had 2 sections:**
 - **Coding questions:** First was to find start indices of occurrences of a pattern string(which can include wildcard character(#) that can stand for any one alphabet) in a target string, and return the start indices as a concatenated string; Second was a frequency based map question.
 - **MCQs based on DSA and Networking**
- **Technical Round 1:** Detailed discussion of my PS2 project and other relevant projects that I had on my resume, many questions were thrown from there only, Given a file, how will you remove the blank lines from it(was asked to code), LRU cache-which data structures can be used to implement it in an optimized way(not asked to code)
- **Technical Round 2:** Again very detailed discussion of my PS2 project, some OS questions, say u are trying to git commit on a file and you are not able to do it successfully(the file and syntax and everything is okay) what will be your approach to tackle this problem(had to do with regular expression), and some other behavioural based questions.
- **Technical Round 3:** General Talking about things I had on my resume, the interviewer only wanted to have a high level view of my internships and projects.
- **HR:** Standard questions like if aware of what Cisco does and profiles they are currently hiring for, who are Cisco's competitors, etc.

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Sources of Preparation:

GFG, InterviewBit

Relevant Courses and Certification:

DSA, OS, OOP

Suggestions / Other Information :

- Be well versed about your resume points, you don't know what might interest the interviewer.
- OOP, OS must be done thoroughly, if time remains then one can go on to study DBMS, CN.
- One must be aware of file handling methods/procedures in whichever language they prefer. This seemed to be an important topic in my other interviews as well.

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Sector: IT

Name: Yash Agrawal (2018A7PS0251P)

Company: Cisco Systems

Company description (2-3 lines):

Cisco Systems Inc. is the worldwide leader in networking for the Internet. Cisco's networking solutions connect people, computing devices and computer networks, allowing people to access or transfer information without regard to differences in time, place or type of computer system.

Job Profile: Software Engineering

Job Description: Working in the Contact center team to increase the efficiency of services like Webex.

Location of Job: Bangalore

No. of offers made: 8

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Selection Process

Branches open to: A3, A7, A8

CGPA Criteria: 7+

Recruitment Procedure: PS2

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Sources of Preparation:

Complete all the tasks that were given to us during PS2.

Relevant Courses and Certification:

OOP, DSA

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Sector: IT

Name: Akhilesh Posapati (2018A5PS1000P)

Company: CityMall

Company description (2-3 lines):

CityMall is a community commerce platform focused on 300 million new internet users living in small cities, towns, and villages in India. CityMall is focused on Grocery, Fresh and Packaged FMCG, Electronics, Fashion categories. So far e-commerce has primarily benefited residents of the top 8 metropolitan cities in India

Job Profile: SDE

Job Description:

Design and Development of a user interface

Skill Set:

- Strong analytical thinking and problem-solving skills
- Programming background with a good understanding of Data Structures and Algorithms
- Experience of web development using JavaScript and ReactJS
- Understanding of relational databases and ability to write SQL queries
- High sense of ownership and responsibility Prior internship experience in programming is a plus

Location of Job: Gurgaon.

Exit options: Joining product-based companies in future

No. of offers made: 4 for SDE

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Selection Process

Branches open to: All BE, BPharm, and dual degree

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting, Online Test, Interviews
- The test had 3 sections:
 - Coding problems- 1 medium DSA question (dynamic programming was asked in our test)
 - One JavaScript backend question (do a get request and show the data in a table in our test).
 - SQL- 1 basic and 1 medium SQL questions.
- The test was moderate. But requires not only DSA knowledge but also JavaScript and SQL. All sections were not timed. Going back to previous questions is allowed.
- Interviews: The number of rounds is 2.
- First-round is focused on resume and Coding questions on DSA can be expected. Two questions were asked to solve and compile. And a SQL query.
- The second round is partly HR and Frontend related questions and a few simple Coding questions can be expected.

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Sources of Preparation:

- “Cracking the coding interview”-by Gayle laakmann is a good choice to start with and Abdul Bari DSA course for conceptual understanding.
- Leetcode and Geeks for Geeks for DSA and Coding Questions.
- Interview Bit Top50 questions of each topic (DSA, JS, React, SQL).
- SQLzoo for SQL related questions.

Relevant Courses and Certification:

DSA, OOP, OS, and DBMS are suggested for non-CS background students.

Suggestions / Other Information:

Problem solving skills, DSA is the major criteria and experience in web development and back-end RDBMS (MySQL) is a big plus.



Sector: IT

Name: Thummala V V Satya Saran (2018A3PS0389P)

Company: Citymall

Company description (2-3 lines):

CityMall is a community commerce platform focused on 300 million new to internet users living in small cities, towns, and villages in India. CityMall is focused on Grocery, Fresh and Packaged FMCG, Electronics, Fashion categories. So far e-commerce has primarily benefited residents of the top 8 metropolitan cities in India

Job Profile: SDE

Job Description:

Design and Development of an user interface

Skill Set:

- Strong analytical thinking and problem-solving skills
- Programming background with good understanding of Data Structures and Algorithms
- Experience of web development using Javascript and ReactJS
- Understanding of relational databases and ability to write sql queries
- High sense of ownership and responsibility
- Prior internship experience in programming is a plus

Location of Job: Gurgaon.

Exit options: Joining product-based companies in future

No. of offers made: 4 for SDE

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Selection Process

Branches open to: All BE, BPharm and dual degree

Recruitment Procedure:

- Resume Shortlisting, Online Test, Interviews
- Test had 3 sections:
 - Coding problems- 1 medium DSA questions
 - UI question
 - SQL- 2 basic sql questions
- Test was easy. However, it is important to maintain speed to finish all questions. All sections were not timed. Going back to previous questions is allowed.
- Interviews: The number of rounds are 2.
- First round is mostly based on resumes and FrontEnd related questions and Coding questions can be expected.
- Second round is partly HR and FrontEnd related questions and few Coding questions can be expected

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Sources of Preparation:

- W3schools for front end and sql
- Leetcode and Geeks for Geeks for DSA and Coding Questions
- InterviewBit Top50 questions of each topic

Relevant Courses and Certification:

No subject as such. DSA, OOP, OS and DBMS are suggested

Suggestions / Other Information:

Few projects and experience in Web/App Development which can be shown to Interviewer

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Sector: IT

Name: Prajwal Gupta (2018A7PS0231P)

Company: Flipkart

Job Profile: SDE-1

Location of Job: Bengaluru

No. of offers made: 11

Selection Process:

Branches open to: CS, EEE, ENI

CGPA Criteria: 6 post PS-2

Recruitment Procedure:

- There were 3 stages:-
- **Online Coding Test** : There were 3 DSA questions to be solved in 90 minutes. I did all three.
 - First question was a simple dynamic programming based problem. I solved it using a 1-D dp array (Bottom-up approach).
 - [lexicographically smallest array with K consecutive swaps](#)
 - The third question was exactly similar to this - [Number of students](#).

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- **Technical Interview-1** : The interview went on for around 50 minutes. After the introductions, the interviewer shared the questions on a google doc and I was supposed to write the code there itself. Only 2 DSA questions were asked in this round.
 - [Next Greater Element](#) - Firstly, I explained to him the brute force approach with time complexity $O(N^2)$. Then, I was asked to optimize it. I explained the approach using stack and he asked me to code it. I wrote it correctly and did a dry run as well. Then, he asked what changes should be made if the given input was a circular array. I told him the approach and he was fine with it.
 - [Number of islands](#) - Firstly the interviewer asked me what would be the output for the given sample input. I answered that correctly and then I proceeded to explain the approach using DFS. He was satisfied and asked me to code it. I got a little stuck in the base condition of the recursive function. He asked me to dry run the code and I was able to figure it out.
 - Overall, the interview went pretty well and I was called for the HM Round.
- **Hiring Manager Round**: It was taken by the director of the team with 14+ years of experience. It was a general discussion round related to the resume and other culture-fit questions and went on for around 35 minutes. I was asked the following:
 - Explain your PS-2 project
 - What career domain do you want to pursue in future?
 - What is your passion in life?
 - What was the most pressure situation you faced and how did you manage it?
 - What things did you do in 3 years of your college life?
 - What life values do you believe in that make you unique?
 - Why is your CGPA low?
 - In the end, I asked him for the feedback and asked a few questions about the team and work-culture.

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Sources of Preparation:

- Codeforces (For coding test prep)
- InterviewBit
- Leetcode
- [Striver's SDE Sheet](#)
- [Coding Ninjas](#)
- There are some great youtube channels as well : [TakeUforward](#) , [NeetCode](#) , [Tech Dose](#) , [Knowledge Gate/ Gate Smashers](#) (For OS and DBMS), College slides are good enough for OOP. [Tech Terms](#) (For Comp. Networks).

Relevant Courses and Certification:

DSA

Suggestions / Other Information :

- Many times, companies ask the exact same questions in coding tests that are asked in IITs and other colleges during the same season. So, it's a must to go through those questions and the Gfg company archives as well.
- For certain companies, the coding test questions are hard level. Practicing competitive coding questions from sites like codeforces, codechef would really help in acing such companies.
- For interviews, you should be thorough with the standard DSA interview questions. Also, must go through the Gfg top interview questions for OS, DBMS, OOP and Networks or you can refer to InterviewBit for the same.
- You must be able to explain everything you have written on your resume. If you are not confident about a certain project, better not to include it.
- During the interviews, even after knowing the solution, we are not able to proceed due to pressure. The mind gets blank. You should practice mock interviews with friends or seniors frequently. It will definitely help.
- Lastly, try to think of the approach to a question fully and any corner cases before jumping to write the code.

Sector: IT

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Name: Aditya Bodade (2018A7PS0256P)

Company: Cleartrip

Company description (2-3 lines):

Cleartrip is a global online travel company, headquartered in Bangalore, India. The company operates an online travel aggregator website for booking flights, train tickets, hotel reservations, and activities in India and the Middle East countries. It was recently acquired completely by Flipkart in April 2021.

Job Profile: Software Development Engineer (SDE-1)

Job Description:

Not provided. Assumed standard SDE job profile.

Location of Job: Bangalore

Exit options: Firm change, MBA/MS.

No. of offers made: 1



Selection Process

Branches open to: All Engineering

CGPA Criteria: 5.4

Recruitment Procedure:

- Online Coding test, Tech Interview -1, Manager/Behaviour round.
- **Coding Round** : On AMCAT platform. 3 easy - medium level questions based on implementation and data structures. Students who solved almost all test cases in all three questions were called up for an interview.
- **Tech Interview** : This round had two coding questions. For me, one was an indirect implementation of topological sort (medium-hard). Healthy and detailed discussion and code writing on this question. Second question was a modification of the subset-sum problem. Around 1 hr
- **Manager Interview** : This round focused on the resume, we had a detailed discussion about my resume, every project, internship and hobby was discussed in detail. Some basic CS Core questions on DBMS, OOP were also asked. Some situational questions were also asked. Also all generic HR questions. Around 45 min.

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Sources of Preparation:

Leetcode for questions, GEEKSFORGEEKS for explanations, InterviewBit, javatpoint for last minute prep and CS concepts revision. GFG archives are very helpful.

Relevant Courses and Certification:

Nothing specific as such, CS courses such as DSA and OOP should be enough. OS is a plus

Suggestions / Other Information :

- Be thorough with your resume.
- Have clear CS concepts, basic OOP and OS concepts.
- Be confident and answer questions truthfully. Interviewers will know if you are bluffing.
- Good coding ability is a must.



Sector: IT

Name: Prakhar Mishra (2018A7PS0257P)

Company: Flipkart (Cleartrip)

Company description (2-3 lines):

Cleartrip (previously known as Cleartrip Travel Services Private Limited) is a global online travel company, headquartered in Bangalore, India. The company operates an online travel aggregator website for booking flights, train tickets, hotel reservations, and activities in India and the Middle East countries. It holds offices across India, UAE, Saudi Arabia and Egypt. Since April 2021, it is a wholly owned subsidiary of Flipkart.

Job Profile: Software Development Engineer

Job Description: No JD available.

Location of Job: Bangalore

Exit options: Move ahead to SDE-2, or managerial position.

No. of offers made: 11

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Selection Process

Branches open to: A3, A7, A8

CGPA Criteria: 6+ post PS

Recruitment Procedure:

- Resume shortlisting, online coding test, interview technical round, interview HM round.
- Online coding test had competitive coding questions. I do not remember the exact questions and their number. Also there might have been aptitude questions.
After this test, 19 people were shortlisted for an interview.
- First round of the interview was a technical round. I was asked two questions, one on binary trees, and the second one on dynamic programming. Both were standard questions, and the interview lasted about 50 minutes.
- After this, the second round was with the HM i.e. hiring manager. It was a semi-technical type of round. The manager first asked to go through the resume, then asked a few questions about the projects and internships listed, about the work done, the tech-stack, learning outcomes etc. Then he asked some HR-style questions, like your expectations from the role, future plans etc.
- After this round, final offers were made.

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Sources of Preparation:

- Thorough knowledge of data structures and algorithms is a must.
- Go on InterviewBit, LeetCode or even GeeksForGeeks and practice as many questions as possible.
- Dynamic programming and graphs are the favourite topics of most companies, so be thorough with that.
Apart from DSA, some companies might ask OOP/DBS/OS related questions as well. So revise these topics.
- Finally, be thorough with your resume. Any project, internship or skill that you have listed there, you should be able to explain properly.

Relevant Courses and Certification:

DSA, DAA, OOP, OS

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Sector: IT

Name: Sarthak Singh (2017B5A30916P)

Company: Clear Trip

Company description (2-3 lines):

Clear Trip a Flipkart group company offers the single most comprehensive travel experience to users, through award winning Mobile and Desktop solutions.

Job Profile: SDE 1

Job Description:

Developing scalable solutions and features to improve user experience.

Location of Job: Bengaluru

Exit options: No Bonds

No. of offers made: 11

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Selection Process

Branches open to: A3, A7, A8

CGPA Criteria: 6

Recruitment Procedure:

- Online Coding Test and 2 Interviews
- **Coding Test:** 3 Coding Questions in 90 minutes. Medium Level questions on AMCAT
 - Variation of Maximum sum in array with no adjacent elements selected.
(<https://www.geeksforgeeks.org/maximum-sum-such-that-no-two-elements-are-adjacent/>)
 - Question based on use of queues and array
 - Smallest Number Possible after consecutive K swaps
- **Technical Interview Round 1:** 45 mins for 2 DSA questions. Couple of questions on my internships.
 - Arrange symbols in an order, such that all the strings given in a list are a subsequence of that arrangement of symbols. Could be solved using graphs.
 - Min difference between
(<https://www.geeksforgeeks.org/partition-a-set-into-two-subsets-such-that-the-difference-of-subset-sums-is-minimum>)
- **Hiring Manager Round:** 30 minutes round with discussion mainly on my resume. He asked me in depth about my work at internships and projects. He also asked me some questions on OOP and OS (since I had them on my resume). It ended with some HR questions like strengths and weaknesses.

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Sources of Preparation:

InterviewBit, Leetcode, GFG

Relevant Courses and Certification:

OOP, OS & DSA

Suggestions / Other Information:

- 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.
- Follow the hints the interviewer gives you. Ask questions and think loud.
- Discuss the time complexity for the solution and if using some other Data Structure can improve it.

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Sector: IT

Name: Abdul Kadir Salim Khimani (2017B4A70696P)

Company: Cohesity Storage Solutions

Company description (2-3 lines):

Cohesity is an American privately held information technology company headquartered in San Jose, California. The company develops software that allows IT professionals to backup, manage and gain insights from their data, across multiple systems or cloud providers.

Job Profile: Member of Technical Staff - II

Location of Job: Bengaluru

No. of offers made: 1

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BITS Pilani
Pilani Campus

Selection Process:

Branches open to: CS

Recruitment Procedure: PS-2 PPO

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Sector: IT

Name: Akshat Jain (2018A3PS0332P)

Company: Comcast

Company description (2-3 lines):

Comcast corporation is a global media and technology company with two primary businesses: Comcast Cable and NBCUniversal. Comcast Cable is one of the United States' largest video, high-speed Internet, and phone providers to residential customers under the XFINITY brand, and also provides these services to businesses.

Job Profile: EnCore Associate

Job Description:

Responsible for assisting in the design of system architectures and solutions to bring to market new innovative products which span web service offerings. Assists in the planning, designing, integrating, testing, deploying and supporting of products. Helps with testing and operational activities. Works with moderate guidance in own area of knowledge.

Location of Job: Chennai

Exit options: Apply in other firms later, MBA, MS/MTech

No. of offers made: 11

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Selection Process

Branches open to: CS, EEE, ENI

CGPA Criteria: No CGPA bar

Recruitment Procedure:

- Online Test:
 - The test consisted of 8 sections consisting of Aptitude, English, CS Fundamentals, Coding Questions and some others to be done in 2 hours.
 - There were 2 coding questions, both were related to Dynamic Programming.
 - I could only solve 1 completely.
 - Overall level of the test was Medium.
- 53 people were shortlisted for the interview.
- Technical Interview:
 - There was only 1 interview round of 20 minutes and that was it. So the interview was quite dependent on the panel you got. My panel had 5 people and luckily were from the team that works with C++, which I was comfortable with.
 - There were questions regarding bit manipulation, they asked me to write a code mirroring a 2D matrix, which I did. There were a few questions like if I would be comfortable to move to Chennai, my parents' occupation and some on my resume.
 - The interviewers took turns asking questions. I answered around 60% of the questions and told them honestly if I didn't know the answer. They were looking for the approach and thinking ability and not just if students knew everything or not.

Sources of Preparation:

- LeetCode, InterviewBit, Codebeyond and Striver for DSA preparation.
- GFG and InterviewBit notes for CS core subject revision.

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Relevant Courses and Certification:

- OOP and OS in 3-2.
- DSA - Took up a GFG course and rest from Youtube.

Suggestions / Other Information :

- Be thorough with your resume, try to have some projects other than your internships . I didn't have any so I feel a weak resume might have been a reason for rejection from other firms.
- Have a good grip on CS fundamentals and know some basics of CN and DBMS if possible.
- Other than that, stay positive throughout and be confident in your preparation. It sure was the toughest time I've experienced yet, but one must stay strong and see it through.

I'm sure you'll do great. All the best!

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Sector: IT

Name: Yuvraj Singh Malhi (2018A8PS0813P)

Company: Comcast

Company description (2-3 lines):

Comcast is a major American company, which has a net valuation of 80 billion USD (26th in the world). They work in telecom (as they own AT&T and CNBC) and have a major stake in 5G in the US. Only recently (about 5 years ago), they entered India with focus on AI/ML and Cybersecurity. They are looking to expand very fast and started hiring in these roles from BITS last year.

Job Profile: Cybersecurity engineer

Job Description:

There were mainly 6 roles: AI/ML, Cybersecurity, NGAN, CPE, Entertainment, and Video. A major focus in all these roles was on programming – particularly in C and python – and Linux. The details of the specific work were not provided but I was asked where I would like to work in Cybersecurity (red team / blue team / ML based security).

Location of Job: Chennai / WFH

Exit options: Not specified

No. of offers made: 1

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Selection Process

Branches open to: A3, A7, A8

CGPA Criteria: None

Recruitment Procedure:

- Step 1: Online test (2 hrs) – 60 MCQs + 2 DSA questions. MCQs. Time was the main constraint as there were a lot of MCQ questions. The questions were sorted topic wise on OOP, OS, Mental ability, Maths, and DSA. In total, 40 were shortlisted.
- Step 2: Single Interview Round – 20 mins. First, resume based questions were asked and then specific questions on the team that I was trying to get into were asked. My team was cybersecurity, so I was asked questions on how my networking projects relate to the cybersecurity role that is being offered and whether I would like to work in the red team (offensive security) or the blue team (defensive security). About 5-10 students in total were offered positions.

Sources of Preparation:

Interview bit for DSA and general CS knowledge for MCQs and interviews.

Relevant Courses and Certification:

- From BITS: Data Structures & Algorithms, Network Programming.
- Online Courses: Ethical Hacking, Network Security.

Suggestions / Other Information:

Be confident in the interview. That is the only thing that might stop you if your profile is good enough because making a quick impression is important in a 20 minute interview.

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Sector: IT

Name: Suchisattam Saran (2017B2A70585P)

Company: CommerceIQ

Company description (2-3 lines):

CommerceIQ is the leader in Ecommerce Channel Optimization (ECO), the practice of using machine learning, analytics and automations to optimize the ecommerce channel across supply chain, marketing and sales operations to win at the moment of purchase and drive profitable market share growth.

Job Profile: Software Development Engineer

Job Description:

Will be working as a part of the Platform Team on Rest APIs and their services.

Location of Job: Bangalore

No. of offers made: 2 for IT (Unsure about other 2)

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Selection Process:

Branches open to: CS/EEE/ENI/ECE

Recruitment Procedure:

- Before my PS-2 started I had a meeting with my Manager discussing my interests based on which I was allocated my 1st Project. I was given enough time to get familiar with TechStack and Codebase.
- My team members were very helpful in clearing all my doubts. I started working on my 1st project under a mentor, the project took 2 months time for completion after which I gave a demo to the India Team.
- Post completion of my 1st project I was assigned to a Live Project, then after 5 months of my internship were over, based on my performance I was offered a full time role at the company.

Sources of Preparation:

Initially I learned about the tech stack used by the company using Youtube videos and Stackoverflow. Went thoroughly through the company's codebase before starting both the projects.

Suggestions / Other Information:

- There can be a few technologies that you haven't used before. Once you know what tech stack you would be using, try to learn them beforehand as in before starting the project.
- Before you are assigned any project, you will be introduced to the project you will be working on. You must pay due attention during the sessions.
- While working, you will have doubts. Do not hesitate to ask doubts but make sure that you do your research before that. Google is your friend. Learn how to use it well to your advantage

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Sector: IT

Name: Sanyam Khankhoje (2017B5A40933P)

Company: Doubtnut

Company description (2-3 lines):

- Doubtnut is an Indian educational app startup available as an Android application on Play Store or by accessing its official website. The platform uses image recognition Technologies to provide solutions to some mathematical and science questions.
- Doubtnut is a multilingual AI powered Ed-Tech platform catering to the learning needs of the next half billion users.
- With its AI powered video doubt solving product and large sized live classes and video lectures, Doubtnut is India's #1 K12 EdTech platform with more than 93% of its users coming from outside of the Top 6 cities.
- Doubtnut also provides Live Classes, PDFs , various paid and unpaid courses for classes 6th to 12th , droppers and people giving Government Exams.

Job Profile: Software Developer Backend

Job Description:

Software Developer Role: Ability to brainstorm and come up with solutions to open-ended problems

- Ability to take ownership and drive initiatives end to end
- Write clean, reusable and scalable code to develop functional polyglot services
- Liaise with developers, designers, and system administrators to identify new features
- Follow emerging technologies

Skill set:

- Proficient in at least one or more programming languages including, but not limited to, Node, Python or Golang
- Ability to write testable code
- Experience building high throughput/low latency systems

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- Understanding of relational and a few non-relational databases, and ability to decide where to use what.
- Understanding of complex use cases of Cache, caveats of caching and cache busting.
- Strong understanding of CS fundamentals - Operating Systems, Databases and Data Structures
- Design, build and maintain reliable and reusable backend architecture, which scales to serve more than a million concurrent users
- A knack for solving complex problems without compromising on code quality and performance
- Write semantic, beautiful and scalable, good quality code.
- Understand Docker and ability to write Dockerfiles.

Location of Job: Gurgaon

No. of offers made: One

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Selection Process

Branches open to: All B.E. and Dual Degree

CGPA Criteria: 6.5+

Recruitment Procedure:

Pursued a 6 month PS II here at Doubtnut and secured the PPO. There was no PPO procedure as such, it is completely decided by the feedback of your team and your mentor at the end of the internship. The final decision and offer rests with the CTO and CEO of the company. Offer usually comes post 1 week from the end of the internship.

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Sources of Preparation:

Udemy Javascript for beginners, GeeksforGeeks, Udemy Node.js for beginners, ElasticSearch Tutorials

Relevant Courses and Certification

MOOC: Udemy: Javascript for beginners, Udemy: Node.js for beginners.

Suggestions / Other Information:

Be prepared to cope with any task that you get at hand, and make good relations not just with your mentor but with the whole team as one. Be regular and punctual to your work and commit effectively, the company is looking to hire good people and being regular at your work will help you secure a PPO.

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Sector: IT

Name: Surbhi Goel (2018A8PS0424P)

Company: Flipkart

Job Profile: SDE-1

Location of Job: Bangalore

No. of offers made: 11

Selection Process

Branches open to: CS, EEE, ENI

CGPA Criteria: 6+ post PS

Recruitment Procedure:

- Coding test, 1 tech round, 1 HM round
- Coding Round: 90 min test held on AMCAT platform. Don't remember the questions.
- Tech Round: 4 DS questions. Nothing asked from other CS subjects.
 - <https://leetcode.com/problems/asteroid-collision/>
 - <https://leetcode.com/problems/next-greater-element-i/>
 - <https://www.geeksforgeeks.org/minimum-number-platforms-required-railwaybus-station/>
 - <https://leetcode.com/problems/coin-change/>
- HM Round: Standard HR round involving discussion of resume and projects.

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Sources of Preparation:

LeetCode, GeeksforGeeks, InterviewBit

Relevant Courses and Certification:

OOPS

Suggestions / Other Information:

- Read past interview experiences on GeeksforGeeks as a lot of questions asked in coding and tech rounds tend to repeat.
- 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: Utkarsh Srivastava (2018A7PS0339P)

Company: Groww Software

Company description (2-3 lines):

Groww is an online investment platform that allows investors to invest in mutual funds and stocks. Headquartered in Bangalore, Karnataka, the company has raised over \$140 million as of April 2021, at a valuation of \$1 billion.

Job Profile: ML Engineer

Job Description:

- Reducing costs of company by automating manual procedures or replacing vendor solutions
- Helping Business leaders and product managers by predicting customer's future behavior (churn, LTV, affinity etc)

Skillset:

- Good understanding of Machine Learning.
- Good understanding of Data Science concepts.
- Strong communication and interpersonal skills

Location of Job: Bangalore (WFH)

No. of offers made: 9

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Selection Process

Branches open to: Only A7 (Single and dual)

CGPA Criteria: 6+

Recruitment Procedure: PS-2 PPO

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Sources of Preparation:

- Datacamp
- LeetCode
- Coursera
- Kaggle

Relevant Courses and Certification:

Deep Learning with Andrew Ng (Coursera)

Suggestions / Other Information:

- Try to follow some Kaggle competitions.
- Try to read about some Industrial level ML models like Transformer models & Embedding models in NLP and YOLO, DETR etc in computer vision.

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Sector: IT

Name: Yash Goyal (2018A7PS0285P)

Company: Groww

Company description (2-3 lines):

Groww is an online investment platform that allows investors to invest in mutual funds and stocks.

Job Profile: SDE

Job Description: Frontend Developer

Location of Job: Bangalore

No. of offers made: 1

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Selection Process

Recruitment Procedure: PPO

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Sources of Preparation:

Leetcode

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Sector: IT

Name: Shravan Nair (2017B4A40815P)

Company: HCL Technologies

Company description (2-3 lines):

HCL Technologies is a next-generation global technology company that helps enterprises reimagine their businesses for the digital age. Our technology products, services and engineering are built on four decades of innovation, with a world- renowned management philosophy, a strong culture of invention and risk-taking, and a relentless focus on customer relationships.

Job Profile: Software Developer

Job Description:

Create value through innovation, automation and improvements wherever needed in the development cycle. Ensure adherence to product development processes. Maintain and improve product quality. Must have ownership and accountability for the assigned tasks. Deliver tasks on time. Prioritize, plan and complete owned tasks in stipulated time and request help on complex tasks

Location of Job: PAN India

No. of offers made: 4

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Selection Process

Branches open to: Mechanical & Manufacturing

CGPA Criteria: 6+

Recruitment Procedure:

- Online Test + Interview.
- Test consisted of very basic tree traversal questions, along with a few puzzles.
- Interview was also quite basic. Was asked about the Sieve of Eratosthenes problem. A few Mathematical questions were asked regarding Number theory as well.

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Sources of Preparation:

Leetcode, GeeksForGeeks

Relevant Courses and Certification:

DSA, OOP, Prob Stats

Suggestions / Other Information:

Always keep thinking out loud and mention the approaches that are coming to your mind

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Sector: IT

Name: Amal A (2018A3PS0446P)

Company: HealthPlix Technologies

Company description (2-3 lines):

HealthPlix is a healthtech startup. HealthPlix's AI platform digitally assists doctors in their clinics and outpatient departments of hospitals. The software also allows them to give prescriptions in more than 18 languages.

Job Profile: SDE

Location of Job: Bangalore

No. of offers made: 1

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Selection Process:

Branches open to: All

CGPA Criteria: None

Recruitment Procedure:

2 technical rounds followed by HR round

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Sources of Preparation:

Youtube, GeeksForGeeks, LeetCode

Relevant Courses and Certification:

DSA, OOP

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Sector: IT

Name: Anshuman Singh (2018A8PS0039P)

Company: Healthplix Technologies

Company description (2-3 lines):

Healthplix is a high-tech startup. Healthplix's AI platform digitally assists doctors in their clinics and outpatient departments of hospitals. The software also allows them to give prescriptions in more than 18 languages.

Job Profile: Software Development Engineer

Job Description:

- Architecting new features across the HealthPlix group of products
- Refactoring existing code to be more scalable and seeing changes through to completion in a live environment.
- Develop scalable modules
- Manage Routing and API Integrations
- Design and Document new features.
- Coordinate with the team to establish objectives.

Location of Job: Bangalore

Exit options: You can switch to any other company after gaining experience as a Software Developer

No. of offers made: 2 APM, 3 SDE

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Selection Process:

Branches open to: All BE and dual degree

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting, Online Test, Interviews
- Online test had 2 coding questions
- Followed by 2 Technical Interviews and 1 HR interview
- Simple technical questions on DSA, OOP were asked in tech rounds

Sources of Preparation:

DSA preparation from InterviewBit and similar platforms

Relevant Courses and Certification:

Focus on DSA and OOP, knowledge of DBMS and OS is a plus.

Suggestions / Other Information:

- Be good with resume preparation
- Be logical while answering and HR should be natural
- Guesstimates and puzzles are important although the focus mainly on problem solving skill (how you approach the problem statement)



Sector: IT

Name: Vishesh Mangla (2017B2A10548P)

Company: ICICI Bank

Company description (2-3 lines):

- ICICI was founded in 1955 to fulfill the needs of a financial institution for a new India
- Established with efforts of the Govt. of India and World Bank
- Leader in Private Banks
- Consolidated Assets Rs.13.7 trillion
- 5,229 Branches
- 15,101 ATMs

Job Profile: Tech

Job Description:

Tech Role : these will contain a plethora of roles in which the company will segregate you once you clear the test (roles like product manager, risk analyst etc.)

Location of Job: Mumbai

No. of offers made: 10 in tech and 4 in MVG

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Selection Process

Branches open to: All BE and dual except CS and Civil

CGPA Criteria: 5.5 (provided it's 6 post PS-2)

Recruitment Procedure:

- Resume shortlisting.
- Online test: Very bizarre test consisting of questions in C, C++, Java, js, Python, R. Totally MCQ.
- Single round of interview and on spot offers.

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Relevant Courses and Certification:

I think you just need good Projects / internships in famous banks.

Suggestions / Other Information:

They just spotted a few problems in the website which I had made during PS 2 in my resume and told me about a few problems related to user experience. They just wanted someone enthusiastic in tech. I had a few personal projects too including a GUI software and had mentioned lots of technologies in my resume. They didn't even test me on my skills.

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Sector: IT

Name: Aman Chauhan (2018A2PS0713P)

Company: ICICI Securities

Company description (2-3 lines):

ICICI Securities Limited (I-Sec) is a subsidiary of ICICI Bank Ltd. The company began its operation in May 1995 and continues to grow its operation through expanding its client base and providing different type of services. I-Sec operates www.icicidirect.com, a virtual financial supermarket, meeting the three need sets of its clients - investments, protection, and borrowing and is primarily based on four lines of businesses namely broking, distribution of financial products, wealth management, and investment banking.

Job Profile: Software Engineer

Job Description:

Software Engineer Role:

- Ability to think strategically, be creative and innovate ways to communicate and visualize user experiences.
- Ability to quickly understand, contribute to and improve the software solutions we develop.
- Ability to demonstrate understanding of algorithms, data structures and other systems architecture factors that affect code quality, performance, and customer experience.
- Can demonstrate time management and a drive for results by completing technical and or software projects in a cooperative team environment.
- Results-driven with a strong attention to detail and technical problem-solving skills.
- Ability to drive collaborative efforts effectively across multiple disciplines.

Skill Set Required:

- Have experience in programming in C/C++, Java and/or other computer programming languages.
- Good knowledge of a scripting language like Python.
- Knowledge of DSA and OOP.
- Solid knowledge on Basic computer science and its fundamentals.

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Location of Job: Navi Mumbai

Exit options: Joining as SDE/EM in other IT/Software Firms.

No. of offers made: 5

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Sector: IT

Name: Shantanu Singh (2017B4A10755P)

Company: ICICI Securities

Company description (2-3 lines):

ICICI Securities Limited (I-Sec) is a subsidiary of ICICI Bank Ltd. The company began its operation in May 1995 and continues to grow its operation through expanding its client base and providing different types of services. I-Sec operates www.icicidirect.com, a virtual financial supermarket, meeting the three need sets of its clients - investments, protection, and borrowing.

Job Profile: Software Developer

Job Description:

- Aspirational full-stack developer at core, knowing at least two of the leading technologies such as IOT, Data Analytics, AI/ML.
- Aware of WebApp and Mobile App, at least one RDBMS such as Oracle, MS SQL or MySQL and at least one NO SQL DB such as MongoDB
- Willing to work with interesting cutting-edge technologies such as Dart, Go, React Native, Angular JS, Node JS, .Net Core, Python, JS, R, etc.
- Knowledge and interest in systems programming, sockets, TCP/IP, C will be added advantage
- Self-motivated, eager to learn new things and technologies such as Video Analytics
- Analyse technical requirements and translate them into working steps. Write efficient code that works!

Location of Job: Navi Mumbai

Exit options: Data Scientist, Manager-Analytics

No. of offers made: 2

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Selection Process

Branches open to: All except MSc General Studies

CGPA Criteria: 5+

Recruitment Procedure:

- Resume Shortlisting, Behavioural Test, Technical + HR Interview
- Behavioural Test: It was about half an hour long with 100 questions to analyse our behaviour with questions like whether you like to lead or socialise, or if you are optimistic about the future.
- Technical Interview:
 - Two easy level coding questions were asked, and I was told to code them in Notepad. One question was to find the maximum length of the subarray of an array with consecutive integers.
 - I was then told to improve the time complexity of my solution. The interviewer wanted to know my approach and how I think to optimize the code.
- HR Interview: I was asked what skill I had learnt as part of my courses that could bring innovation in ICICI and put it ahead of its competitors. I was also asked why I was the right fit for the job.

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Sources of Preparation:

InterviewBit, GeekForGeeks, JavaTpoint

Relevant Courses and Certification:

DSA, OOP and ML through college. ML, DL and CNN certifications through Coursera.

Suggestions / Other 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.

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Sector: IT

Name: Vikrant Rewal

Company: InMobi (Software Development)

Company description (2-3 lines):

InMobi Ltd. is India's second largest Unicorn and the company is based out of Bangalore. The company has various teams which deal in Fintech, advertising, Web Development and Mobile Ads. Various children companies of InMobi have also turned out to be Unicorns such as Glance and Roposo.

Job Profile: SDE Intern

Job Description:

- Worked in a Growing start up Team.
- Worked for multiple Projects in the 6 Months Tenure.
- Initially designed Templates of Advertisements which increased the engagement click rate of the users up to 60%.
- Worked on GTM (Google Tag Manager for the firing for all type of Ads)
- Made a Universal extension using Mongo database and react for displaying Ads on any website.
- Also Interacted with the whole team and templated the templates so that they can be readily used for any other sites.

Location of Job: Bangalore

Exit options: Many Further Software Development Opportunities, Exponential Learning curve, Easy Lateral shifts in Non-Tech roles

No. of offers made: 1

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Selection Process

Branches open to: In Practice School 2 the station was open exclusive to A7

CGPA Criteria: Above 6.0

Recruitment Procedure: Resume Shortlisting and Higher Preference.

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Sources of Preparation:

YouTube, freeCodecamp and lot of reference materials given by Mentors

Relevant Courses and Certification:

No subjects as such for front-end but if you know JavaScript and React before Joining the PS, can give you an edge over others.

Suggestions / Other Information:

- Very Important to attend daily stand-ups and meetings.
- Expected from every Intern to ask questions in Daily stand-ups and show curiosity.
- Be Logical solver and do not ask unnecessary questions to mentor.
- Interact with Manager on a weekly basis.
- If Work has been offered and completed, ask for more as soon as possible.
- Be polite and cordial with every member

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Sector: IT

Name: Nischit Soni (2013A4PS1234P)

Company: Reliance Jio

Company description (2-3 lines):

Jio Platforms Limited (“Jio”), a majority-owned subsidiary of Reliance Industries Limited, has built a world-class all-IP data strong future proof network with latest 4G LTE technology (through its wholly owned subsidiary, Reliance Jio Infocomm Limited). It is the only network conceived and born as a Mobile Video Network from the ground up and supporting Voice over LTE technology. It is future ready and can be easily upgraded to support even more data, as technologies advance on to 5G, 6G and beyond. Jio will bring transformational changes in the Indian digital services space to enable the vision of Digital India for 1.3 billion Indians and propel India into global leadership in the digital economy. It has created an eco-system consisting of network, devices, applications and content, platforms, service experience and affordable tariffs for everyone to live the Jio Digital Life. As part of its customer offers, Jio has revolutionized the Indian telecom landscape by making voice calls for Jio customers absolutely free, across India, to any network, and always. Jio makes India the highest quality, most affordable data market in the world so that every Indian can do Datagiri.

Job Profile: SDE TS1

Job Description:

To engineer such technical marvels, we are looking for best-in-class Software Development Engineers who would help us build Cloud Native Distributed Systems that are infinitely scalable, self-organizing and self-healing using the best in class technology stacks that we would all be proud of.

The Software Development Engineer role will give you the opportunity to work across a wide variety of technology domains such as SQL/NoSQL Databases, Distributed Systems, Cloud Native Microservice Architectures, Big Data Technologies, IoT, Mobile Technologies, Streaming & Batch Analytics Platforms, Modern Infrastructure Engineering (Infra as Code), Operational Intelligence Systems for Microservices such as Service Mesh, Data Science and Data Engineering.

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Our SDEs are solving challenges impacting Millions of users – so we are looking for folks who are passionate learners, problem solvers, innovators and natural collaborators.

You will design, code, optimize, take your code to production and be responsible for site reliability engineering all at the same time. In essence, the buck stops with you!

Of course, you would have a bunch of awesome mentors and buddies to help you around...

An indicative list of some of interesting challenges we're up to now:

- Building a reliable and highly available platform that can scale over 100s of 1000s of distributed transactions per second using Open Source technologies viz. Kafka, Hadoop, Apache Flink, Service Mesh, Kubernetes
- Building a new commerce Platform focused on engaging millions of small merchants across the country to address the hyperlocal needs. Highly targeted data driven promotions, offers and real-time couponing solutions for this community to engage their end consumers
- Building an Auto-ML Platform focusing on Knowledge Graphs, Speech, Language & Computer Vision capabilities
- Opportunity to build India's largest Big Data Lake using cutting edge open source technologies, capable to derive intelligent insights at petabyte scale
- Enterprise ready Private IaaS cloud platform with opportunity build a highly reliable PaaS platform with availability running into at least three 9s (99.9%) – supporting real-time, multi-cloud, distributed applications that auto-scale, auto-heal and get deployed through automated CI/CD pipelines. Btw, we run one of the largest Open Stack based Private Cloud clusters in Asia
- Build a Real-time & Highly Targeted ADTECH Platform incorporating the latest ML, big data & NLU/speech technologies and enable the best possible consumer engagement in all key Indian languages
- To build the largest supply chain platform in India to scale and ensure the inventory, price, time and effort to the promise made to a customer is met, using open source technologies, automation like BOTs to fulfil orders, and injecting optimization algorithms using data models and machine learning techniques. The goal is to seamlessly enable Grocery, fashion, apparel and electronics merchandise orders across length & breadth of India with quality and punctuality.

Location of Job: Mumbai, Hyderabad, Bangalore, Gurgaon

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Exit options: MS in Computer Science specialization in Data Science

Selection Process

Branches open to: All BE and Dual

CGPA Criteria: 5.5

Recruitment Procedure:

- Online Tests, Interviews
- Coding Test Round 1 based on Data Structures
- Interviews on DSA, OOP and Operating System

Sources of Preparation:

InterviewBit, Geeks For Geeks, Udemy

Relevant Courses and Certification:

DSA, OOP, Discrete Mathematics, OS



Sector: IT

Name: Piyush Goyal (2018A3PS0321P)

Company: Reliance Jio

Company description (2-3 lines):

Jio Platforms Limited (“Jio”), a majority-owned subsidiary of Reliance Industries Limited, has built a world-class all-IP data strong future proof network with latest 4G LTE technology (through its wholly owned subsidiary, Reliance Jio Infocomm Limited).

Job Profile: SDE TS1

Job Description:

The Software Development Engineer role will give you the opportunity to work across a wide variety of technology domains such as SQL/NoSQL Databases, Distributed Systems, Cloud Native Microservice Architectures, Big Data Technologies, IoT, Mobile Technologies, Streaming & Batch Analytics Platforms, Modern Infrastructure Engineering (Infra as Code), Operational Intelligence Systems for Microservices such as Service Mesh, Data Science and Data Engineering.

Location of Job: Mumbai/Gurugram/Hyderabad/Bangalore

Exit options: MBA in IIM, SDE-II in a big MNC, decent paying PM position

No. of offers made: 1

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Selection Process

Branches open to: CS students – B Tech (4 year course) and Dual Degree (5 year integrated course).

CGPA Criteria: 7 and above CGPA in X, XII and B Tech / IDD

Recruitment Procedure:

- Resume Shortlisting
- Online Test
- Technical Interview
- HR Interview

Sources of Preparation:

GFG, Leetcode

Relevant Courses and Certification:

OS and OOP

Suggestions / Other Information :

- Just be good at DSA.
- Prepare for HR round too.
- Only one language is enough.

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Sector: IT

Name: Raj Aaryan (2017B4A80753P)

Company: JIO

Company description (2-3 lines):

Jio Platforms Limited (“Jio”), a majority-owned subsidiary of Reliance Industries Limited. It is the only network conceived and born as a Mobile Video Network from the ground up and supporting Voice over LTE technology. It is future ready and can be easily upgraded to support even more data, as technologies advance on to 5G, 6G and beyond. Jio will bring transformational changes in the Indian digital services space to enable the vision of Digital India for 1.3 billion Indians and propel India into global leadership in the digital economy.

Job Profile: SDE

Job Description:

- Building a reliable and highly available platform that can scale over 100s of 1000s of distributed transactions per second using Open Source technologies viz. Kafka, Hadoop, Apache Flink, Service Mesh, Kubernetes.
- Building a new commerce Platform focused on engaging millions of small merchants across the country to address the hyperlocal needs. Highly targeted data driven promotions, offers and real-time couponing solutions for this community to engage their end consumers.
- Building an Auto-ML Platform focusing on Knowledge Graphs, Speech, Language & Computer Vision capabilities.
- Opportunity to build India’s largest Big Data Lake using cutting edge open source technologies, capable of deriving intelligent insights at petabyte scale.
- Enterprise ready Private IaaS cloud platform with opportunity to build a highly reliable PaaS platform with availability running into at least three 9s (99.9%) – supporting real-time, multi-cloud, distributed applications that auto-scale, auto-heal and get deployed through automated CI/CD pipelines. Btw, we run one of the largest OpenStack based Private Cloud clusters in Asia

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- Build a Real-time & Highly Targeted ADTECH Platform incorporating the latest ML, big data & NLU/speech technologies and enable the best possible consumer engagement in all key Indian languages

Location of Job: Mumbai, Bangalore, Hyderabad & Gurgaon

Selection Process:

Branches open to: CS/EEE/ENI only

CGPA Criteria: 6+

Recruitment Procedure:

- **Online Test:** 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
- **Technical Round:**
 - The interviewer asked me 3 questions on DSA of moderate difficulty (covering String, Linked List & Tree) and I was supposed to write working code for them.
 - He asked basic questions from OOP & OS.
 - OOP Questions:
 - Explain Multithreading
 - Use of Abstract Class
 - Explain the term Abstraction, Encapsulation, Polymorphism
 - Difference between Method overriding and Method overloading
 - OS questions:
 - Mutex & Semaphore
 - What are job scheduling Algorithms?
 - Conditions for Deadlock
 - He also asked me about my familiarity with DBMS and stages of software development but I told him that being from an ENI background these topics were not part of my syllabus and neither I have got an opportunity to go through them during any of my projects.

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- **Managerial Round:** Apart from generic questions like explaining your CV. They asked me two puzzles. (You don't need any kind of preparation for those puzzles). Approach was more important than giving a crisp and accurate answer.
- **HR Round:** It was a 45-minute round taken by the Hiring Manager. I was asked basic questions like:
 - Tell me about yourself
 - What are your weaknesses?
 - What motivates you to be a software developer?
 - Why Jio?
 - A brief description of my academic projects, and internships.

Sources of Preparation:

InterviewBit, GeeksforGeeks

Relevant Courses and Certification:

OOP, OS & DSA

Suggestions / Other Information :

While explaining any OOP concepts, always try to give a real life use case of it.



Sector: IT

Name: Sudhanshu Gupta (2017B5A30972P)

Company: Jio

Company description (2-3 lines):

Jio Platforms Limited (“Jio”), a majority-owned subsidiary of Reliance Industries Limited, has built a world-class all-IP data strong future proof network with the latest 4G LTE technology (through its wholly-owned subsidiary, Reliance Jio Infocomm Limited). It is the only network conceived and born as a Mobile Video Network from the ground up and supporting Voice over LTE technology. It is future-ready and can be easily upgraded to support even more data, as technologies advance on to 5G, 6G and beyond.

Job Profile: SDE

Job Description:

- Building a reliable and highly available platform that can scale over 100s of 1000s of distributed transactions per second using Open Source technologies viz. Kafka, Hadoop, Apache Flink, Service Mesh, Kubernetes
- Building a new commerce Platform focused on engaging millions of small merchants across the country to address hyperlocal needs. Highly targeted data-driven promotions offer and real-time couponing solutions for this community to engage their end consumers
- Building an Auto-ML Platform focusing on Knowledge Graphs, Speech, Language & Computer Vision capabilities
- Opportunity to build India’s largest Big Data Lake using cutting edge open source technologies, capable to derive intelligent insights at petabyte scale
- Enterprise-ready Private IaaS cloud platform with the opportunity to build a highly reliable PaaS platform with availability running into at least three 9s (99.9%) – supporting real-time, multi-cloud, distributed applications that auto-scale, auto-heal and get deployed through automated CI/CD pipelines. Btw, we run one of the largest OpenStack-based Private Cloud clusters in Asia
- Build a Real-time & Highly Targeted ADTECH Platform incorporating the latest ML, big data & NLU/speech technologies and enable the best possible consumer engagement in all key Indian languages
- To build the largest supply chain platform in India to scale and ensure the inventory, price, time and effort to the promise made to a customer is met, using open source technologies,

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automation like BOTs to fulfil orders, and injecting optimization algorithms using data models and machine learning techniques. The goal is to seamlessly enable Grocery, fashion, apparel and electronics merchandise orders across the length & breadth of India with quality and punctuality.

Location of Job: Mumbai, Hyderabad, Bangalore, Gurgaon

Exit options: MS or M. Tech.

No. of offers made: 8

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Selection Process

Branches open to: A7, A3, A8

CGPA Criteria: 6+ (Post PS)

Recruitment Procedure:

- Resume Shortlisting, Online Test, Interviews
- Online Test had 2 sections:
 - CS Theory and Aptitude
 - Coding Questions
- The total time for the test was 1.5 hrs. The sections were not timed individually. The sections were not timed individually.
- The theoretical and aptitude section (15 questions) of the test was easy and required basic knowledge of the CS subjects such as OS, networks, DBMS and DSA.
- The Coding section (2 questions) were relatively easy. Previous year questions for Jio on geeksforgeeks helped a lot
- Interview: 2 Technical Rounds and 1 HR round.
- Round 1:
 - I was asked to write the [Fibonacci series](#) in C. Then I was asked about the fastest sorting algorithm and what would be the time complexity for that (Ans: Quicksort, Time Complexity: $O(N \log N)$).
 - What would be the worst-case scenario for Quicksort and when would that occur? Then he asked me to explain the projects in my CV. After that, since I had a physics dual degree he asked me basic physics questions such as Ohm's Law and mirage effect.
- Round 2: The interviewer mainly focused on my resume and asked how my projects can be applied to solve a real-world problem.
- HR round: Basic HR questions and questions regarding your interest and passions academic and non-academic

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Sources of Preparation:

Interviewbit for basics and GeeksforGeeks, Leetcode for practising. If you are less prepared on a particular topic (like trees etc.) look it up in GeeksforGeeks, they have well-defined sections that can help you understand these topics at the last minute.

Relevant Courses and Certification:

DSA, OOP, OS, networking, DBMS

Suggestions / Other Information:

A good sleep on the night before the interview is essential. If you don't know any topic, be honest. Revise basic DSA and OOP as the majority of questions are from this topic.

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Sector: IT

Name: Snigdha Sanjivani (2018A3PS0408P)

Company: JPMC

Job Profile: SDE

Location of Job: Mumbai

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Selection Process

Recruitment Procedure:

PS-2 PPO

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Sector: IT

Name: Saujanya Gupta (2018A1PS0456P)

Company: Larsen and Toubro Infotech (LTI)

Company description (2-3 lines):

LTI is a global technology consulting and digital solutions Company helping more than 475 clients succeed in a converging world. With operations in 33 countries. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries.

Job Profile: SFDC

Job Description:

- Developing, maintaining, and updating code that integrates Salesforce with other software based on client requirements
- Translating business requirements into code that produces well-quantified data
- Presenting the quantified data in a form that allows clients to better understand every step of their business process

Location of Job: Preference-based

Exit options: MBA in IIM, Joining other bigger IT firms in the future

No. of offers made: 1

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Selection Process

Branches open to: All BE eligible

CGPA Criteria: Greater than 6.5

Recruitment Procedure:

- Resume Shortlisting, online Test, Technical Interview, HR interview
- Students have to fill up the form with an updated resume.
- The online test was of 2 hours and had 5 sections. Two sections were English and vocabulary, one section was an essay, one section was for coding, and there was a personality test. Coding questions were of easy to medium difficulty. Overall test was easy but one should keep time in mind.
- In the technical interview, they will ask about yourself. There were some questions about OOPs. Most of the questions will be related to your resume about your past experiences and projects.
- The HR interview was also good and pretty decent. Questions were straight forward, about strengths and leadership qualities.

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Sources of Preparation:

Just go through your resume once. You should have an idea about things mentioned in your resume. Go through the basics of OOPs. You can read it from any book or just learn from Google.

Relevant Courses and Certification:

No subject as such. Candidates were asked easy questions from the resume and terms mentioned in your resume.

Suggestions / Other Information :

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

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Sector: IT

Name: Akash Maurya (2018A7PS0153P)

Company: Licious

Company description (2-3 lines):

Licious is one of the unicorn startups which delivers meat in major cities. It works on farm to fork model . Its mission is to deliver the best & hygienic meat to all non-vegetarian people of India in a super simplified way.

Job Profile: SDE-1

Job Description:

SDE-Role

- Contribution in existing projects in maintenance and scalability.
- Design & development of new projects .
- Supporting team managers by doing primary or secondary work .

Location of Job: Bengaluru

No. of offers made: 3

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Selection Process

Branches open to: All branches were eligible.

CGPA Criteria: No cgpa criteria.

Recruitment Procedure: PS-2 PPO

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Sources of Preparation:

Leetcode, GFG, Codeforces.

Relevant Courses and Certification:

DSA ,OOPS , OS & DBMS.

Suggestions / Other Information :

- Practice DSA from Leetcode .
- Having one or more internships is a plus point.

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Sector: IT

Name: Shivanshu Ayachi (2018A8PS0778P)

Company: Media.net

Company description (2-3 lines):

Media.net is a leading global advertising company with one of the most comprehensive portfolios of advertising technology in the industry across search, native, display, mobile, local, products and video. Media.net manages high-quality ad supply on over 500,000 websites and its platform and products are licensed by some of the largest publishers, ad networks and other ad tech companies worldwide.

By market cap, Media.net is one of the Top 5 largest ad tech companies worldwide. By revenue, Media.net is the second largest contextual advertising business worldwide.

Job Profile: Software Development Engineer (SDE)

Job Description:

From company's JD: Who Should Apply? You have the makings of an ace developer - impressive problem-solving skills, sharp reasoning and a logical bent. You are passionate about programming and delivering, clean, test-covered, well-designed, scalable code. You have a good grasp on programming fundamentals including OOPs, Design Patterns, algorithms, data structures, networking etc and are not rigid with respect to choice of technology, are relatively platform agnostic, and open to adopting the right technology for the task at hand.

Location of Job: Mumbai/Pune/Bangalore/Dubai

Exit options: MBA, Switching to a different company, shift to management role etc.

No. of offers made: 1

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Selection Process

Branches open to: All B.E., B.E.+MSc.

Single Degree MSc Branches eligible - B2, B4, B5

CGPA Criteria: 6.0

Recruitment Procedure:

- 3 stages - Online test, Technical Interview, Managerial Interview.
- **Online test:** 3 coding questions to be done in 90 minutes.
 - One question was on graphs (hard difficulty), one on trees (hard difficulty), and one on dynamic programming (medium difficulty, [Maximum Length of Pair Chain - LeetCode](#))
- **Technical Interview:**
 - Interview started with some introduction, then moved on to questions related to the technologies/projects mentioned on my resume.
 - After that an algorithms question was asked: [Best Time to Buy and Sell Stock II - LeetCode](#).
 - After I solved that, it was changed to [Best Time to Buy and Sell Stock with Transaction Fee - LeetCode](#)
 - There was a google doc using which you had to explain your logic and write the pseudocode for it. You then dry run some test cases on the pseudocode, and if it gives correct output then you write the actual code in any language of your choice (on the same google doc).
- **Managerial Interview:** This interview started with questions like:
 - Tell me something about yourself.
 - Tell me about some of your achievements.
 - Why do you want to join this company?
 - After that there were questions about the projects and technologies mentioned on my resume. Make sure you understand the projects that you have mentioned, as they will try to understand what you did and why you did it and cross-question you on it.
 - After that there were questions on CS subjects like OOP, OS, DBMS. Some of the topics asked were: OOP pillars, indexes in databases, scheduling algos, page fault,

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which algo minimises page faults, which scheduling algo to use when, page replacement algos, virtual memory, SOLID principles, processes and threads, semaphores.

- After that there were 2 questions:
 - You are maintaining a website. Whenever someone visits the website, an entry gets created in a log file, with the URL that was visited along with the timestamp of the visit. You have to make a feature where a developer can query the log file and get the top 10 most visited URLs in the last 1 hour. How will you go about making this feature?
 - You have to make an app that will display the location of all nearby kirana stores to the user. How will you go about designing/building this?
 - These questions are very open ended and don't have one correct answer. They are there to judge your thought process and logical thinking. You have to discuss your approach, why you chose this approach, what flaws it may have, how you will take care of those flaws etc. You don't have to actually write code here.



Sources of Preparation:

LeetCode, CodeChef for problem solving. Gate smashers on youtube and BITS courses for CS subjects.

Relevant Courses and Certification:

Object Oriented Programming, Operating Systems, Database Management Systems.

Suggestions / Other Information:

All the best for your tests and interviews!

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Sector: IT

Name: Pushkar Aggrawal (2018A3PS0431P)

Company: Myntra

Company description (2-3 lines):

Myntra is a major Indian fashion e-commerce company headquartered in Bengaluru, Karnataka, India. In May 2014, Myntra.com was acquired by Flipkart.

Job Profile: Software development engineer

Job Description:

Myntra's Engineering team builds the technology platform that powers our customer's shopping experience and enables the smooth flow of products from suppliers to our customer's doorsteps. We work on areas such as building massive-scale mobile and web-applications, engaging user-interfaces, big- data analytics, mobile apps, content systems, catalog systems, search systems, supply chain systems, imaging and visualization systems for products etc. We are a small technology team where each individual has a huge impact. You will work closely with the business in shaping our product and serve hundreds of millions of Indians! You will have the opportunity to be part of a rapidly growing organization and gain exposure to all the parts of a comprehensive ecommerce platform.

Location of Job: Bengaluru

Exit options: Software development, Masters relevant to CS

No. of offers made: 3

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Selection Process:

Branches open to: CS, EEE, ENI

CGPA Criteria: 7 post PS-II

Recruitment Procedure:

- Online Test, Technical Round I, Technical Round II, Hiring Manager Interview, HR Interview.
- Online Coding Test –
 - There were 5 MCQ & 5 Coding Questions
 - I was able to solve 4 coding questions completely. Ran a brute force for the fifth one which passed half of the test cases.
 - MCQ were on OOP, OS, DSA
 - Coding question were of Leetcode Medium to Hard level
 - 14 were shortlisted for interviews
- Second round is a technical interview one. 3 coding questions were asked to be solved on the Hackerrank Codepair platform. 2 medium level questions (on strings and arrays) and 1 hard one (on Trees). I was able to explain the approaches but couldn't code all of them in the given time.
- Third round is again a technical interview. 2 coding questions were asked to be solved on the Hackerrank Codepair platform. The questions were tougher. One was on Graphs and the other on Dynamic Programming. I was able to code both of them.
- Fourth round is an interview with the hiring manager. Multiple questions were asked inspecting your personality and the atmosphere you can create in a technical team. A technical question where he asked how I can select the 10 richest people in a continent. A behavioral question on how BITS helped me grow.
- The fifth and the last round was an interview with HR. The questions were quite standard. "Why Myntra?" "Describe yourself in 3 words." "What do your promoters describe you as?" "How did you switch to CS roles while being in EEE?"

Sources of Preparation:

Leetcode, Interviewbit, GeeksforGeeks

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Relevant Courses and Certification:

OOP, OS, DSA

Suggestions / Other Information :

- Prepare responses to standard questions relevant to behavior and resume beforehand.
- Ask clarification questions.
- Be patient, calm, and thorough with your approach.
- Communicate each design/coding decision with the interviewer.

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Sector: IT

Name: Shubham Rai (2018A3PS0242P)

Company: Myntra

Job Profile: SDE

Location of Job: Bengaluru

No. of offers made: 3

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Selection Process

Branches open to: CS, EEE, ENI

CGPA Criteria: 7 post PS2

Recruitment Procedure:

- Online Coding Test –
 - There were 5 MCQ & 5 Coding Questions
 - I was able to solve 2 coding question completely, 1 TLE & 2-3 TC failing in one question
 - MCQ were on OOP, OS, DSA
 - Try to manage time well because 5 questions can't be solved in the given time.
 - Questions were of LeetCode Medium to Hard level
 - Do checkout questions asked in IITs
 - 14 were shortlisted for interviews
- Technical Round 1 –
 - Completely based on DSA conducted on hackerrank-codepair
 - [Shortest Subarray with Sum at Least K - LeetCode](#). I was unable to solve it completely but the interviewer was satisfied with my prefix sum approach.
 - Given a sentence of words, if the same words are consecutive, they delete each other. Find the remaining words.
 - Sentence - "a a b b b a d d" Output - 0
 - Had to be done using stack
- Technical Round 2-
 - There were 2 questions, 1st one was Dijkstra Algo implementation where I made a small error and so my code didn't run successfully.
 - Reverse Linked List in groups of k. I explained him the implementation and he was ok with it
- Hiring Manager Round-
 - Taken by a senior executive with over 5 years of experience and lasted for 1.15 hrs
 - Started with both of us introducing ourselves and then some discussion on my PS1 & PS2 projects. He was interested to know how I did both and the end results of it

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- Given that the wealth of every person on the earth is given in a List form, how do I get the top 1000 richest people? Had to use Priority Queue
- Explain OOP concepts to a person with no CS knowledge
- Overall, the round was pretty chill and he also asked some questions on my personality, like what's your biggest achievements, low points in life, give an instance where you showed your innovation, my weaknesses, strengths, etc
- HR Round –
 - The HR manager was pretty informal and it seemed just like a formality
 - What's your ambition, explain your PS2 project, etc



Sources of Preparation:

InterviewBit, LeetCode, GeeksforGeeks

Relevant Courses and Certification:

OOP, OS, DSA

Suggestions / Other Information:

- Don't ever keep quiet, keep on discussing whatever comes to your mind. The interviewer will drop you hints
- I wasn't able to solve 1 question in both Technical Rounds but still I got through because the interviewer seemed ok with approach to the problem
- I wasn't asked any questions on OS
- At the end of the interview do ask questions like how has your experience been with the company, what tech stack do you use, typical career progression in the company

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Sector: IT

Name: Vishad Shalin Shah (2018A8PS0419P)

Company: Myntra

Company description (2-3 lines):

Myntra is a major Indian fashion e-commerce company headquartered in Bengaluru, Karnataka, India. The company was founded in 2007 to sell personalized gift items. In May 2014, Myntra.com was acquired by Flipkart

Job Profile: Software Developer Engineer

Location of Job: Bangalore

No. of offers made: 3

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Selection Process

Branches open to: A3, A7, A8

CGPA Criteria: 7 post PS 2

Recruitment Procedure:

- Online test and 4 interview rounds
- Online test, regular coding test, 2 visible test cases, other hidden.
- Technical interview: 1-2 coding questions; First one was basic recursion based question to find the shortest path to leaf node, second one was text formatting question to arrange words in lines of fixed max width with proper spacing.
- Technical interview 2: 2 coding questions, first one was to find the number of subsequences in string s equal to string t, solved using recursion, second one was to find minimum cost to make all cities access to library, where cost of library and building roads between two cities is given, solved using dynamic programming.
- Hiring Manager: Discussion regarding candidates resume, will specifically ask in depth regarding relevant projects/internships.
- HR round: Informal discussion about who you are (will go through your resume), what are your qualities and confirmation about if you are open to relocating to Bangalore.
- Tips and reasons which I feel helped me get past these rounds in the suggestions section.

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Sources of Preparation:

Practice coding problems for GfG, Leetcode, InterviewBit and practice coding challenges for improving speed. Otherwise, prepare small 1-2 min speeches for everything you have written in your resume.

Relevant Courses and Certification:

DSA, OOP

Suggestions / Other Information:

- For technical interviews, they will send a Hackerrank link, wherein the interviewer will share a problem which you have to solve in the editor. There will not be any baseline code. Here the interviewer doesn't expect you to solve both the problems in 1 hour, he just wants to see your approach and efforts.
- For round 1, I solved the first problem in 10 minutes and had ample time for the second problem, where I was facing some trouble. I discussed it with him and he was convinced that I had solved 99% of the question and would eventually figure out the final bit.
- For round 2, in the first problem I got the correct approach within 5 minutes, which I coded in the first 15 minutes itself. But there was some error because of which the code was returning unexpected values so I asked him for help. After going through my code he said that the logic was perfect and it should work. After nearly 10 min of us trying to debug, I found the typo and the code worked fine. He was happy the way I approached the issue and the amount of resources I had to debug the error.
- For the second question, I tried to code a little but due to time shortage he just asked for my approach, which I gave and was satisfactory.
- Basically, technical rounds are not coding tests, you need to acknowledge the person sitting with you and converse with him/her continuously. Make sure to clearly convey what you have thought, even if the code is not working.
- For the Hiring Manager round, the interviewer will be an experienced senior manager level software developer. He will go in depth about your projects/internships and you just need to make sure you have that one shining star in your army. Clearly convey the work you have done and the impact it might create for the company in case of an internship.
- For electronics people, prepare: Why do you want to pursue SDE/IT roles while studying electronics?
- Just be confident and show them your true potential

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Sector: IT

Name: Shubham Kumar (2017B4A40882P)

Company: NCR Corporations

Job Profile: Software Engineer

Location of Job: Hyderabad

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Selection Process

CGPA Criteria: 6+

Recruitment Procedure:

- Online Test
- Technical Interview 1
- Technical Interview 2
- Managerial Round
- HR Round

Sources of Preparation:

Leetcode, GFG, Hackerrank

Relevant Courses and Certification:

DSA, OS, OOP

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Sector: IT

Name: Shwetang Gupta (2018ABPS0502P)

Company: NCR Corporation

Company description (2-3 lines):

NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables nearly 700 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business.

Job Profile: Software Engineer

Job Description:

Students should be good with programming.

Location of Job: Hyderabad

Exit options: MS in CS, MBA in Business Analytics for switch to DS

No. of offers made: 2

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Selection Process

Branches open to: Mechanical, Manufacturing, Civil, Chemical single/dual degree students of both semester

CGPA Criteria: 6 and above

Recruitment Procedure:

- **Pre-placement talk:** We were introduced to the company culture and work they do, and it was stressed here to be thorough with OOP concepts especially.
- **Coding Round:**
 - This round had 2 coding questions based on string, array and hashmap implementation.
 - Besides there were other 20 questions covering OOPS, DBMS, OS, CN. The time limit was 90 min.
 - It was held on HackeRank and Java, C++, C# were allowed.
- **Technical Interview 1:**
 - The interview started with my introduction and my projects. This company was open to both semester students, and since I was doing my PS2 at Blue Yonder then, I mainly discussed my ongoing projects.
 - I was then given 3 DSA questions and I had to make all the test cases pass on HackerRank.
 - The discussion further shifted to transversal in trees, OOP concepts, including basics up to multiple inheritance, interfaces. I was then asked some advanced SQL queries and DBMS concepts.
- **Technical Interview 2:** Similar to Technical Interview 1 but questions mainly revolved around OOP concepts. There was one DSA question in which I was tested on my approach and the interviewer gave hints when stuck. There were also some situation based managerial questions.
- **Managerial Round:** This round was mainly to check whether I would be a fit in the company. He gave me various team-based scenarios and asked my approach.
- **HR Round:** There were common HR questions.

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Sources of Preparation:

GeeksForGeeks, Youtube channels like: take U forward, Aditya Verma, The Code School, Leetcode

Relevant Courses and Certification:

OOP, DBMS, OS, DSA.

Suggestions / Other Information:

Refer to company-specific archives on GeeksforGeeks. There are chances you might get similar questions. Be prepared for real-life examples for OOP

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Sector: IT

Name: Shivankur Sharma (2017B4A71013P)

Company: Nutanix Technologies India Pvt Ltd, Bengaluru

Company description (2-3 lines):

Nutanix is a global leader in cloud software and a pioneer in hyperconverged infrastructure solutions, making clouds invisible, freeing customers to focus on their business outcomes. Organizations around the world use Nutanix software to leverage a single platform to manage any app at any location for their hybrid multi cloud environments.

Job Profile: Member of Technical Staff - 1

Job Description:

MTS-1 :

- Add value to the existing project and help in maintaining the ongoing projects.
- Adding new features with the client use cases in mind and expanding their current market.
- Providing more value to the customer base and resolving their queries dynamically.

Location of Job: Base Location– Bangalore/Pune Project Location – Anywhere in India/United States/Abroad

Exit options: Higher studies like post graduation in Computer Science / MBA

No. of offers made: 1

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: None

Recruitment Procedure:

Got the Company as my PS 2 station with a CGPA of 8.638 and based on the work and targets accomplished during the tenure, I was offered the PPO.

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Sources of Preparation:

This is an efficient work driven and constant learning experience based on the tech stack allotted which in turn depends on the team allotted to us randomly. This requires constant learning of many aspects of cloud DR and cloud providers.

Relevant Courses and Certification:

OOPS, DSA, DBS and Computer networks

Suggestions / Other Information :

- Have an organised approach to any problem with incorporation of DS and Algos within your code.
- Have a proper grip on Courses mentioned above and a learning attitude.



Sector: IT

Name: Rahul Ranjan (2017B4A80824P)

Company: OLA

Job Profile: SDE

Location of Job: Bangalore

Selection Process

Branches open to: ALL

CGPA Criteria: 6

Recruitment Procedure:

Online Test, Tech Interview, HR Interview

Sources of Preparation:

Leetcode, InterviewBit

Relevant Courses and Certification:

DSA

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Sector: IT

Name: Raj Shree Singh (2017B4A70808P)

Company: OLA

Company description (2-3 lines):

Ola is India's largest mobility platform and one of the world's largest ride-hailing companies. Ola revolutionised urban mobility by making it available on demand for over a billion people across 3 continents. Today, Ola continues to move the world to sustainable mobility through its ride hailing platform as well as through advanced electric vehicles manufactured at its Future factory, the largest, most advanced and sustainable two wheeler factory in the world.

Job Profile: Software Development Engineer 1 (SDE 1)

Job Description:

- Code, develop and design features related to the existing application. We expect you to own sub-modules/modules end to end and take pride in the work products you ship.
- Lead from the front, when it comes to delivering high quality work products Perform code reviews, set coding practices and guidelines within the team.
- Make sense of the product specs, be nimble in getting the issues resolved.
- Play an integral role in owning the technology vision of the respective team and significantly contribute to the overall success of the team by timely delivery of the feature

Location of Job: Bangalore

Exit options: Switch job or go for MS/MBA

No. of offers made: 24 in SDE

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: 6

Recruitment Procedure:

- Online Test : This round had 3 coding questions to be solved in 90 minutes
 - The first question was a variation of this were for every consecutive press on a button the count also increases by 1
<https://www.geeksforgeeks.org/count-of-buttons-pressed-in-a-keypad-mobile/>
 - Given a BST check if the left view of the tree is palindrome
 - The third question was a variation of this question
<https://www.geeksforgeeks.org/count-the-number-of-ways-to-divide-n-in-k-groups-incrementally/>
- To make it to interview rounds you had to clear at least 2 out of 3 questions.
- Technical Interview:
 - The technical interview was a bit tricky for OLA because of the large number of candidates, small number of panels and several clashes with time slots of other companies.
 - They had shortlisted a large number of candidates(around 40) after the coding test. You might have to wait for half an hour if not less in a breakout session for the interviewer to arrive so don't panic because it was the same for all the students in OLA.
 - Once the interviewer arrived he asked me to introduce myself and asked to explain one of my projects and its tech stack. Straight away after that he moved on to coding questions.
 - He gave me 2 questions to solve and he was happy with the brute force approach for both. It's fine if you can't fully answer all the questions, just be calm and try to explain your thought process to the interviewer.
 - No questions related to OOPS, DBMS and Networks were asked during the interview. This round lasted for 30 mins.
- HR Round - Around 24 were selected for HR round and this wasn't sort of an elimination round unless you specifically want to be rejected for this role. Just basic questions like

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what have you heard about the company, why do you want to join this company, do you consider yourself a team player etc. All the candidates passed this round.

Sources of Preparation:

- For IT in general - Leetcode, InterviewBit, GeeksForGeeks (you should already know this by now, hopefully)
- For OLA - Don't prepare anything specific for OLA interview a night before the interview. Nothing from your preparation will be valuable for the interview as it is just based on DSA(it doesn't matter if you are able to solve both the questions, you will be selected nonetheless). A week of Leetcode grind before the placement process would be more than enough to clear the OLA interview process. Instead focus on other Day 1 companies which are higher in your preference order.

Relevant Courses and Certification:

Nothing for OLA but for other companies try to add DSA, OOPS, DBMS and Computer Networks course/certifications as they would have better impact on the interviewer

Suggestions / Other Information :

- DON'T REJECT PPO offers as placements are very dynamic and stressful, there are equal chances of getting placed in a company which is worse than your PPO company rather than bagging an offer in a company which is better than your PPO company.
- Don't rely on Pre-Day 1/ Day 0 companies for offers even if you are selected in their HR Rounds as there are decent chances that these companies might go empty handed after taking your HR interview and reject you for some absurd logic (like not being able to comprehend japanese accent and not being a weeb) after wasting your time clearing their infinitely long interview process. Focus on Day 1 companies as they are most likely to give you better chances of placements.
- Placements depend significantly on how you perform during the D-Day and not on how much you have prepared during the last few months. It might also happen that the interviewer rejects you because you have such a high GPA, research internships and fears that you might end up leaving the company for higher studies and sometimes you might get placed in some Day 0/1 company even after blabbering something with the interviewer which has nothing to do with Computer Science or IT.

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- Sometimes you might have a 4star rating in codechef/leetcode and might end up getting placed in random startup (if not worse) and you will be both placed and unplaced at the same time (just like Schrodinger's Cat 🐱). It's just the nature of placements being very unpredictable.
- Keep your resume short and precise, the interviewer will just roast you throughout the interview if you put too much in your resume that you are not able to defend. So just keep it short and simple and do not add courses that you might have done as some elective just to fill your graduation requirement and have no clue why you did that course.

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Sector: IT

Name: Sourabh Gupta (2018A3PS0531P)

Company: OLA

Company description (2-3 lines):

Ola Cabs is an Indian multinational ridesharing company, based in Bangalore. It also operates in other business verticals including financial services, cloud kitchens, and used-car marketplace.

Job Profile: SDE

Job Description:

SDE Role:

- Code, develop and design features related to the existing application.
- Perform code reviews, set coding practices and guidelines within the team.
- Strong problem solving and debugging skills.

Location of Job: Bangalore

Exit options: GMAT, Joining IT firms in future

No. of offers made: 24

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Selection Process

Branches open to: All B.E.

CGPA Criteria: 6+

Recruitment Procedure:

- Resume Shortlisting, Online Test, Interviews
- **Online Test:** The test was conducted on CoCubes (AON). The test had 3 coding questions and the duration of the test was 90 minutes. 1 Hard and 2 Medium questions were asked from DP, Arrays and Graphs. All questions were from LeetCode with some tweaks and modifications.
- **Technical Interview:** This round started with basic OS related questions then I was asked some conceptual questions on hashing. Lastly, I was asked to write an algorithm to find the length of the longest subarray such that the difference between the maximum and minimum element is less than K. I was further asked to optimize my solution.
- **HR Interview:** General questions were asked like, tell me about yourself which is not mentioned in your resume, why do you want to join Ola, why should we hire you, why are all students from different streams so fascinated to work in IT field. I was asked to explain my internships in detail and general discussion went around my resume points.

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Sources of Preparation:

Geeksforgeeks, Codeforces, LeetCode, InterviewBit

Relevant Courses and Certification:

No subjects as such

Suggestions / Other Information:

Prepare your resume thoroughly. They might ask even the most unimportant point mentioned in your resume and be confident while answering in interviews.

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Sector: IT

Name: Aditya Sharma (2018A7PS0367P)

Company: OLA Electric

Company description (2-3 lines):

Ola Electric Mobility is an Indian electric two-wheeler manufacturer, based in Bangalore. Ola Electric was established in 2017 as a wholly-owned subsidiary of ANI Technologies, the parent entity of Ola Cabs. The company was started to reduce emission and fuel dependency of Ola's cabs, and shift to mass electric mobility.

Job Profile: Software Engineer

Job Description:

As specified in the job description:

Code, develop and design features related to the existing application. We expect you to own sub-modules/modules end to end and take pride in the work products you ship. Lead from the front, when it comes to delivering high-quality work products. Perform code reviews, set coding practices and guidelines within the team. Make sense of the product specs, be nimble in getting the issues resolved. Play an integral role in owning the technology vision of the respective team and significantly contribute to the overall success of the team by timely delivery of the feature. Excellent interpersonal and stakeholder management skills Impact-oriented and enterprising individual with understanding about areas of Computer Science such as Algorithms, Data Structures, Object Oriented Design, Databases. Ability to think big about problem statements, recommend alternative technical approaches and build optimal solutions.

Location of Job: Bangalore

Exit options: Masters

No. of offers made: 1

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Selection Process

Branches open to: Open to all

CGPA Criteria: 6 (was reduced later)

Recruitment Procedure:

There were three rounds: Coding Test, Technical Interview, HR round

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Sources of Preparation:

- InterviewBit (complete programming section)
- Leetcode (Top interview Questions list)
- DSA through GFG and official BITS DSA course
- OOP through official BITS course.
- DBMS through official BITS DBMS course and Love Babbar DBMS roadmap(till storage and file structure):
<https://whimsical.com/dbms-roadmap-by-love-babbar-FmUi8ffVop33t3MmpVxPCo>
- Computer Networks through InterviewBit:
<https://www.interviewbit.com/networking-interview-questions/>

Suggestions / Other Information :

- For technical interviews practicing Trees and Dynamic Programming well is a must, since they are asked the most frequently.
- Be well prepared with whatever you have mentioned in the resume.

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Sector: IT

Name: Akshat Gupta (2018A3PS0447P)

Company: OLA Electric

Job Profile: Software Development Engineer

Job Description:

Work on Software development of screen of electric scooter.

Location of Job: Bangalore

No. of offers made: 24

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Selection Process:

Branches open to: All BE

CGPA Criteria: >6

Recruitment procedure:

- Resume Shortlisting:- All students above CGPA 6 were selected for online test.
- Online test:- 3 coding questions of medium-hard difficulty(2,3,5 marks). Those who did atleast 2 questions were selected for interviews. A total of 36 people were shortlisted for interviews.
- Technical Interview:- 1 easy dp coding question:- coin sum problem and 2 easy puzzles(25 horses question and 100 prisoners problem). Apart from that general discussion over why IT over core, hobbies, etc.
- HR interview:- General discussion. All selected after this round.Chill round.

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Sources of Preparation:

Leetcode, Interviewbit, Tutorialspoint and class slides for oop and os

Relevant Courses and Certification:

DSA, OOP, OS

Suggestions / Other Information :

- Online test is the key to your selection in placements. For that, make sure to have practice of coding problems for atleast 3-4 months, prior to start of placements.
- In interviews, be confident and ask for queries.
- A tip:- if you know n answers of a question, $n-1$ answers should be less correct/incorrect and $n > 2$.
- Just ask as many questions as you can at the end of interview.

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Sector: IT

Name: Neeraj Karumanchi (2018A8PS0442P)

Company: OLA Electric Mobility Pvt Ltd

Company description (2-3 lines):

Ola is India's largest mobility platform and one of the world's largest ride-hailing companies. Ola revolutionised urban mobility by making it available on demand for over a billion people across 3 continents. Today, Ola continues to move the world to sustainable mobility through its ride hailing platform as well as through advanced electric vehicles manufactured at its Future Factory, the largest, most advanced and sustainable two wheeler factory in the world.

Job Profile: Software Development Engineer

Job Description:

SDE Role :

- Code, develop and design features related to the existing application.
- Lead from the front, when it comes to delivering high quality work products Perform code reviews, set coding practices and guidelines within the team.
-
- Play an integral role in owning the technology vision of the respective team and significantly contribute to the overall success of the team by timely delivery.

Skill Set:

- A self-driven individual with an ability to think big and provide alternative technical solutions to build optimal solutions.
- Understanding about areas of Computer Science such as Algorithms, Data Structures, Object Oriented Programming, Design and Databases.
- Strong communication and interpersonal skills.

Location of Job:

Base Location– Bangalore

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Project Location – Anywhere in India

Exit options: MS in the US

No. of offers made: 24

Selection Process:

Branches open to: All BE and dual degree

CGPA Criteria: 6

Recruitment Procedure:

- Resume Shortlisting for writing the test, Online Test, Technical Interview, HR Interview
- Test had 1 section: 3 coding questions were given and they had to be solved in 90 minutes
- The test can be ranged between easy and medium. However, it is important to have decent practice of competitive coding to crack the test.
- Interviews: There were only 2 rounds
 - First round is the technical round and a coding question is given, explain and solve the question first with brute force approach and then we are asked to optimize the solution with a better approach.
 - Second round is the HR round, basic general questions are asked about your family background, co-curricular activities, questions based on your resume are asked, problems faced during your internships and how you overcame them are discussed.

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Sources of Preparation:

- Study Object Oriented Programming, Operating Systems and DSA, Solve Coding Question on any platform of your Choice, I have done Interviewbit first and then moved on to Leetcode.
- Be thorough and honest with your Resume.
- Go through most frequently asked question on Geeksforgeeks.

Relevant Courses and Certification:

OOP, OS, DSA are more than enough

Suggestions / Other Information :

- Be good with resume preparation
- Have decent practice of competitive coding for the coding test
- The Interview rounds are not Q/A based rather they are discussion rounds, be vocal about your approach with the interviewer and if stuck somewhere, feel free to ask the interviewer for help

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Sector: IT

Name: Rohan Marwah (2017B4A10840P)

Company: Ola Electric

Job Profile: Data Scientist

Location of Job: Bangalore

No. of offers made: 5

Selection Process:

Branches open to: All BE and Dual Degree

CGPA Criteria: 5.5 CGPA

Recruitment Procedure:

- **Online Test:** Contained 3 Questions to be solved in a duration of 75 minutes. Platform was CoCubes. First question was a simple DSA question. Second and third questions were based on Pandas dataframe.
- **Interviews:**
 - **Round 1(Technical):** I was broadly asked three questions after my introduction. First question was related to probability and statistics. Next, I was asked very thorough and mathematical questions related to an ML project on Principal Component Analysis(PCA) that I had done, so be thorough with your projects/internships. Finally, I was given a fairly simple case study about Ola and asked to describe a simple mathematical model that could solve the problem.
 - **Round 2 (HR):** Just some basic HR questions. I was asked why I wanted to join Ola, why I liked Data science, will I be able to handle work pressure etc.

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Sources of Preparation:

- **For ML:** Courses on Coursera like ML by Stanford University(Andrew Ng), deeplearning.ai Courses. Stanford lectures on CS 229 are also a good place for in depth knowledge.
- **For DSA:** Leetcode, Coding Blocks videos for theory.

Suggestions / Other Information :

In my experience, there is a luck factor involved in clearing an interview. I appeared in 5 interviews and I feel like in some of them I was asked hard questions compared to others which led to my rejection. So don't get disheartened and be patient during the placement season.

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Sector: IT

Name: Tanuj Khandelwal (2017B1A30982P)

Company: Ola Electric

Company description (2-3 lines):

Ola is India's largest mobility platform and one of the world's largest ride-hailing companies. Today, Ola continues to move the world to sustainable mobility through its ride hailing platform as well as through advanced electric vehicles manufactured at its Future Factory, the largest, most advanced and sustainable two wheeler factory in the world. Ola is dedicated to transitioning the world to sustainable mobility and making the world better than we found it.

Job Profile: Assistant Manager-SDE

Job Description:

Code, develop and design features related to the existing application. We expect you to own sub-modules/modules end to end and take pride in the work products you ship. Lead from the front, when it comes to delivering high quality work products Perform code reviews, set coding practices and guidelines within the team. Make sense of the product specs, be nimble in getting the issues resolved. Play an integral role in owning the technology vision of the respective team and significantly contribute to the overall success of the team by timely delivery of the feature Excellent interpersonal and stakeholder management skills Impact-oriented and enterprising individual with understanding about areas of Computer Science such as Algorithms, Data Structures, Object Oriented Design, Databases.

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Selection Process

Branches open to: All

CGPA Criteria: CGPA > 5.4

Recruitment Procedure:

- **Coding Round:** 2 Medium leetcode level questions + 1 leetcode hard question, students completely solving 2 or more questions were selected for interview.
- **Technical Round (30 min):** The interviewer was more interested about my work done at Internship (Samsung) and Personal Projects. No questions were asked from DSA.
- **HR Round (20 min):** Standard HR Questions like: How was your day? Tell me something unique about yourself? Why Ola? Why should we hire you?

Sources of Preparation:

GeeksforGeeks, Leetcode, Interview Bit

Relevant Courses and Certification:

OOP, OS, DSA.

Suggestions / Other Information:

- Be thorough with your projects. They asked very minute details about my projects like what's the need of the testing process, why are you using this algorithm etc.
- Your Introduction is as important as your CV, practice giving it before a mirror or keep a mock interview with a friend. The Introduction should tell the interviewer about your journey at BITS covering your academic as well as non-academic interests in a short time (45-50 seconds). I included Marvel in my Hobby and to my surprise the interviewer was a DC Fan and we talked about DC vs Marvel for the starting couple of minutes.
- If you're new to coding, start with InterviewBit first and then gradually shift to Leetcode.
- Don't leave OOP and OS for the last month for revision, start learning/revision at least 4 months before placements

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Sector: IT

Name: Vaibhav Ajmera (2017B4A80693P)

Company: Ola Electric

Job Profile: SDE

Location of Job: Bangalore

No. of offers made: 24

Selection Process:

Branches open to: All

CGPA Criteria: 6

Recruitment Procedure:

- **Online DSA round:** Three questions were asked (different sets), I had **two easy questions**(implementation based), last question was on **Bankers Algorithm(OS)**.
- **Technical Interview:** Interviewer was pretty chill, introduced himself, and his work. He asked **one dp question**, find the **max sum in an array such that no two consecutive elements are chosen (GFG)** . He just wanted me to write code in a notepad (no compilation). Later on he asked **basic OS,OOP questions**.
- **HR Interview:** Was asked about family background, Education, Why SDE.

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Sources of Preparation:

GFG, Leetcode, Youtube, InterviewBit.

Relevant Courses and Certification:

OS, OOP

Suggestions / Other Information:

- Do this sheet for DSA it is enough ([Babbar DSA sheet 450](#)). For coding contests, do give Leetcode Contests (They are more realistic for day1 companies). Master recursion.
- There is an inter-IIT sheet for every years' placement, which contains questions asked by companies in the current placement season across all IITs(try to do it).
- For OOP, OS slides are enough or Google Love Babbar's OOP/OS sheet. This whimsical site contains more practical questions(which are generally asked in interviews).
- After completing OOP,OS if you have any time left see basics of DBMS, CN.
- Most important thing is how familiar you are with your projects mentioned in your resume. Interviewers don't want any flashy projects, they just want you to explain things whatever you have done. Don't fake anything.

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Sector: IT

Name: V. Aravindan (2017B4A70849P)

Company: Oracle

Selection Process

Recruitment Procedure:

I got the PPO after my summer internship at Oracle. I worked with the Oracle Cloud Analytics team and had a productive summer internship. My only advice to those who wish to get PPOs is to be sincere and work hard. Everybody notices our presence even in a WFH format. All the best!

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Sector: IT

Name: Vaibhav Jindal (2018A3PS0388P)

Company: Polygon

Company description (2-3 lines):

Polygon (Previously Matic Network) is the first well-structured, easy-to-use platform for Blockchain. With more than 1500 blockchain applications already deployed on the Polygon blockchain, Polygon is currently one of the most used scaling solutions in the blockchain/crypto space with a \$20b+ market cap. Learn more: <https://polygon.technology>

Job Profile: Software Developer (Blockchain)

Job Description:

- Collaborate and partner with Labs' projects to innovate, architect, develop and help scale their systems.
- Contribute to applied research and technical leadership along with PhDs and top engineers to build the future of decentralized applications in Web3 (DeFi, NFTs and Gaming)
- Learn the current architecture and develop tools around blockchain
- Help developers to integrate with Polygon and build the core application using proper coding standards and review technical design, code and documentation
- Building reusable code and libraries for future use and help setup processes and streamline the workflows to help in expansion of the team and collaborate with the other team

Location of Job: Remote/Dubai

Exit options: MBA/MS

No. of offers made: 1

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: 6.0

Recruitment Procedure:

- Online Test followed by Interviews
- Test had 3 sections-
 - CS theoretical questions (Basic)
 - Aptitude
 - 2 coding questions (with more than 80% weightage)
- One coding question was based on DP approach with medium difficulty level and other was based on greedy technique with hard difficulty. Candidates who did more than one and half coding questions moved to the interview round.
- There were two technical interview rounds, first one was based on complete DSA and second one involved the DBMS, OOP, OS, Computer Network theory.
- Brainstorming with the interviewer worked in my favour.

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Sources of Preparation:

- LeetCode (Try to complete the Love Babbar DSA sheet of 450 questions before the Placement season)
- GFG Articles for the CS theoretical part.
- Youtube Interview videos for learning how to communicate your mind in front of your interviewer.

Relevant Courses and Certification:

DSA, OOP, OS, DBMS (watch the video lectures if you have a time)

Suggestions / Other Information:

- It is always advisable to do 2-3 DSA questions everyday than to do 10-15 questions on a single day.
- Try to figure out the pattern while solving questions of different topics in DSA.
- DP is a very important topic, every company has at least one question from DP in their test.
- Give 2-3 mock interviews and analyse your weak area.
- Go through the Love Babbar cheat sheet on CS subjects before your interview day.
- Have faith in the PU team and keep yourself confident and motivated till you get placed.



Sector: IT

Name: Abhinav Tyagi (2017B2A20571P)

Company: Oyo

Company description (2-3 lines):

OYO is a global platform that empowers entrepreneurs and small businesses with hotels and homes by providing full-stack technology that increases earnings and eases operations. Bringing affordable and trusted accommodation that guests can book instantly.

Job Profile: Business Analyst

Job Description:

- Drive meaningful business insights, and measure performance from data - Build templates and dashboards to automate operational and management reporting;
- Own analytical problems and data for the channel, Develop and deep dive into key impact metrics for the channel; Design experiments, test hypotheses, build models, and scale what works.
- Make the channel a data-driven organization by creating platforms to better access, interpret and use data in driving day-to-day
- Perform data-mining and analysis using tools including MS Excel, OBIEE, MySQL, SQL, Oracle BI and Cognos to identify trends and develop forecasts, as well as identify opportunities for cost savings and quality improvements.
- Own, develop and maintain metrics allowing more granular explanations of weekly/monthly/quarterly business report trends and driving the prioritization of quality/cost improvement projects

Location of Job: India

Exit options: MBA, Masters in Business Analytics, Data science, Financial analytics

No. of offers made: 10

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Selection Process

Branches open to: All BE and Dual Degree

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting, Group Discussion, Interview
- Interview - based on interest in analytics, any past experience with data and future aspirations

Sources of Preparation:

Basic case study books, Youtube tutorials

Suggestions / Other Information :

Prepare your resume well - also be confident of anything you put on your resume



Sector: IT [Data Science]

Name: Sriram Gupta Voruganti (2018A1TS1100P)

Company: OYO

Company description (2-3 lines):

Oyo focuses on hotel management and room booking across pan-India as well as internationally.

Job Profile: Data Scientist

Location of Job: Not mentioned yet

Exit options: NA

No. of offers made: 1

Selection Process

Branches open to: All B.E + Pharma

CGPA Criteria: None [But while Shortlisting Resumes, majority of them were 6+]

Recruitment Procedure:

- The whole process consisted of various rounds, starting with a resume shortlisting, after which we had a Group Discussion [GD].
- Following the GD we had 2 technical rounds.
- The first round was mainly about resume, where they asked questions like why OYO, why are you making a career switch [in my case it was Chemical to Data Science].
- The second round was related to my experience in Data Science, where we discussed my internships, projects and the interviewer asked me a few questions regarding Machine Learning, Data Structures [basics like Arrays].

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Sources of Preparation:

- My preparation in Data Science was mostly from YouTube channels like Codebasics, Krish Naik, Alex the Analyst and Ken.
- I read many articles, blogs on Medium, GFG, towards Data Science , in order to get an in-depth understanding about the various concepts of Data Science.

Relevant Courses and Certification:

Courses from Udemy are suggested in case you are interested , especially courses from Josh Portilla. But Learning from Youtube will be more than enough.

Suggestions / Other Information:

Don't worry if you didn't take up any DS course or Minor. Youtube is a great resource [which I followed]. Focus on building projects, and participating in Kaggle competitions and learn basic DSA in order to build your problem solving skills.

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Sector: IT

Name: Yash Gupta (2017B4A20687P)

Company: OYO Rooms

Company description:

OYO is a global platform that empowers entrepreneurs and small businesses with hotels and homes by providing full stack technology that increases earnings and eases operations. Bringing affordable and trusted accommodation that guests can book instantly.

Job Profile: Business Analyst

Job Description:

- Drive meaningful business insights, and measure performance from data - Build templates and dashboards to automate operational and management reporting;
- Own analytical problems and data for the channel, Develop and deep dive into key impact metrics for the channel; Design experiments, test hypotheses, build models, and scale what works.
- Make the channel a data-driven organization by creating platforms to better access, interpret and use data in driving day-to-day
- Perform data-mining and analysis using tools including MS Excel, OBIEE, MySQL, SQL, Oracle BI and Cognos to identify trends and develop forecasts, as well as identify opportunities for cost savings and quality improvements.
- Own, develop and maintain metrics allowing more granular explanations of weekly/monthly/quarterly business report trends and driving the prioritization of quality/cost improvement projects

Location of Job: India

Exit options: MBA, Masters in Business Analytics, Data science, Financial analytics

No. of offers made: 10

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Selection Process

Branches open to: All BE and Dual Degree

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting, Group Discussion, Interview
- Interview - based on interest in analytics, any past experience with data and future aspirations

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Sources of Preparation:

freeCodeCamp, basic case study books, Youtube tutorials

Suggestions / Other Information:

- Prepare your resume well - also be confident of anything you put on your resume
- Speak confidently while in group discussions and interviews

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Sector: Analytics

Name: Yashvardhan Somani (2018A2PS0802P)

Company: OYO Rooms

Company description (2-3 lines):

OYO Rooms also known as OYO Hotels & Homes, is an Indian multinational OTA, homes and living spaces. Founded in 2012 by Ritesh Agarwal, OYO initially consisted mainly of budget hotels. The startup expanded globally with thousands of hotels, vacation homes and millions of rooms across more than 80 nations.

Job Profile: Business Analyst

Location of Job: Gurgaon/Bangalore

Exit options: Product management, MBA

No. of offers made: 10

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Selection Process

Branches open to: All BE + Pharma

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting, GD, Interview
- GD – It was a short 20 min round and a very generic topic was given. Decent general knowledge is sufficient.
- Interview – It was a resume based interview. My PS2 was the main point of discussion. Also HR questions like MBA plans were asked.

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Sources of Preparation:

Coursera/Udemy (Python/SQL), Case books like Case In Point.

Suggestions / Other Information:

Be thorough with your PS2 work, they did not ask much about any technical skills, it was more fit based than skill based.

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Sector: IT

Name: Pranav Mitan (2018A7TS0169P)

Company: Persistence.One

Company description (2-3 lines):

Persistence is an interoperable protocol built to facilitate the creation of next-gen financial products. The Persistence tech stack provides the infrastructure to effectively bridge the realms of DeFi and traditional finance in a variety of areas, whilst also enabling the creation of innovative crypto-facing solutions to expand the DeFi and NFT sectors.

Job Profile: UI Designer

Job Description:

Persistence's design team is looking for a talented user interface designer with a passion for front-end code to join our team. We are looking for someone who will act as a liaison between the design and development team to create amazing user interfaces. We would love to talk to you if you want to help build and maintain our design systems and have a drive for converting interface designs to production-ready code.

UI Designer Role:

- The candidate's primary responsibility is to better the look and feel of our products by creating wireframes, design guides and prototypes. The candidate should also be able to bridge the gap between design and development by effectively translating these requirements to our development teams.
- Collaborate closely with our incredibly talented team of developers to put out polished user interfaces. Understanding and carrying out code reviews and aiding the development of responsive user interfaces with the front-end developers is a must.
- Work with our user experience researchers to contribute to UX Validation and usability testing activities.
- Iterate, test, evaluate, and iterate again. We believe that constant improvement through iteration is the key to creating the best designs.

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- Candidates with a penchant for graphic design that can help create social media collaterals and other external design releases to propagate a consistent design vision will be preferred.

Skill Set:

- Excellent communication and presentation skills.
- Knowledge and exposure to HTML, CSS, Bootstrap 5, JavaScript, jQuery, Bootstrap.
- Any UX/ UI Certifications
- Some exposure to working with design systems and UI component libraries.

Location of Job: Remote

Exit options: N/A

No. of offers made: 1

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Selection Process:

Branches open to: All BE degrees

CGPA Criteria: None

Recruitment Procedure:

- Portfolio Shortlisting, Case Study walkthrough, Interviews
- There was total 3 rounds:
 - Exploratory call + 1 project walkthrough. Basic introduction followed by a case study walkthrough with questions in between with a senior designer.
 - Project/Case study walkthrough and QnA session with head of design
 - General Introduction and Technical round with the CTO of the company.
- First round is very basic and chill. The project walkthrough is also to be done very briefly without going too deep into any aspect until unless asked to do so.
- Second round involves a very detailed walkthrough of any one case study followed by some questions on the same.
- Third round does not involve any case study walkthrough, but the CTO might ask about some concepts related to web3, crypto, blockchain, distributed systems etc.

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Sources of Preparation:

No source of preparation. You need to make sure that you have prepared at least 2 design case studies properly and are well versed with major concepts related to web3, and computer science in general

Relevant Courses and Certification:

Human Computer Interaction, Beginner's course in web3 and blockchain

Suggestions / Other Information :

- Have thorough presentation practice for all the design projects in your portfolio
- Have good hold of distributed systems, web3 and blockchain concepts



Sector: IT

Name: Akriti Srivastava (2017B1A10482P)

Company: Petasense

Company description (2-3 lines):

Petasense helps industrial customers monitor and predict machine health using Industrial IoT and machine learning analytics.

Job Profile: Full stack developer

Job Description:

Designing user interactions on the web application itself. Creating servers and databases for the back end of the software. Ensuring cross-platform compatibility and optimization.

Location of Job: Bangalore

Exit options: MBA/senior developer roles

No. of offers made: 2

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BITS Pilani
Pilani Campus

Selection Process: PS-2 PPO

Branches open to: All

CGPA Criteria: 7+

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Sector: IT

Name: Anuraj Som (2018A1PS0037P)

Company: PricewaterhouseCoopers US Advisory

Company description (2-3 lines):

PwC is one of the Big Four consulting firms and are among the leading professional services networks in the world. PwC helps organizations and individuals create the value they are looking for, by delivering quality in Assurance, Tax and Advisory services. PwC US Advisory works with clients from the US.

Job Profile: Data Scientist

Job Description:

The job is in the Artificial Intelligence and Emerging Technology (Innovation) team which works in the following domains:

- Natural Language Processing
- Quantum Computing
- Simulation
- Responsible AI
- Automation
- Miscellaneous (Based on recent discoveries)

Location of Job: Mumbai/Bangalore/Hyderabad

Exit options: Being a part of the Innovation team, one could explore various domains and focus on their field of choice

No. of offers made: 4

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Selection Process:

Branches open to: All B.E.

CGPA Criteria: None

Relevant Courses and Certification:

Machine Learning, Data Structures and Algorithms, Linear Algebra

Suggestions / Other Information :

All 4 of us who worked at PwC US Advisory as interns during our PSII were offered PPOs.

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Sector: IT

Name: Shivansh Rustagi (2018A8PS0745P)

Company: Rupeek Fintech

Company description (2-3 lines):

Rupeek is an asset backed online lending platform that specializes in credit risk, gold loans, and personal loans.

Job Profile: SDE(Back-End) Intern

Job Description:

- I was part of the Payments and Post Disbursement team, where my major tasks were to create APIs for features aimed at improving the user experience after loan disbursement or during the loan renewals lifecycle.
- The work was in Node.js and sail.js and Express framework. The work environment was pretty relaxed, they encouraged steady and quality work over just turning in an unoptimised API as quickly as possible.
- The tasks were discussed by the Engineering Manager & Product Manager and, as expected from a startup, a lot of freedom was given in coming up with & designing the entire solution on our own.

Location of Job: Bangalore

No. of offers made: 4 in Software Development Role

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Selection Process

Branches open to: Open to All B.E. and Dual Degree but only circuit branches were selected for this PS station for SDE roles

CGPA Criteria: N.A.

Recruitment Procedure:

The PPO process can be divided into 3 rounds:

- Presentation with your reporting Manager, after which a review form was filled by the manager and recommendations are sent to the HR
- Technical Interview Round:
 - It was a 45 min round where 2 Problems were asked to assess problem solving skills of the candidate
 - It consisted of one problem based on Tree and the other was a Dynamic Programming problem.
 - Easy to Medium level questions
- Cultural Fit Round: This was a short interview with the Engineering Head of another vertical trying to gauge if I aligned with the company goals and principles

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Sources of Preparation:

For the PPO process, be clear with the work done throughout the internship (PS diary helped in keeping track of the tasks done each week). Basic DSA knowledge or elementary competitive coding experience is required for the technical round. Reading up on the company principles comes in handy for the cultural fit round.

Relevant Courses and Certification:

We were provided with 3 weeks of training in Front-End and Back-end development basics, at the start of the internship; so no particular prerequisites but the following courses did help throughout the process:

- Data Structures and Algorithms
- Database Management System
- Knowledge in web development.

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Sector: IT

Name: Aditya Srivastava (2017B2A10567P)

Company: SaaS Labs

Job Profile: SDE

Selection Process:

Branches open to: All B.E.

CGPA Criteria: 6.5+

Recruitment Procedure:

- Resume Shortlisting, Online test, Interview
- Online Test:
 - Total 10 Questions were asked.
 - There were 8 MCQs, 1 question on SQL, 1 coding question.
 - Test was of 80 minutes duration.
- Interview:
 - Resume discussion- I was asked regarding my projects. It was a thorough discussion regarding technologies used and some questions around it.
 - Then I was asked some questions on backend development concepts.
 - Since I mentioned Node.js and Express.js in my resume so I was asked some questions on it.
 - I had mentioned in my resume regarding my prior experience of using Nginx. So I was asked regarding web servers like Apache and Nginx. It was a thorough discussion which focused on their working, the pros and cons between the two, etc. I was also asked questions regarding load balancing and reverse proxy concepts.

Sources of Preparation:

InterviewBit, GeeksForGeeks

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Relevant Courses and Certification:

OOP, OS and Computer Networks. Although not directly asked but few concepts of OS and Computer Networks help in answering backend development questions.

Suggestions / Other Information:

Backend Development knowledge is important so prepare well for it. If you did some projects before then revise the technologies used and possible questions around it.

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Sector: IT

Name: Anubhav Ajmera (2018A4PS0054P)

Company: SaaS Labs

Company description (2-3 lines):

SaaS Labs was founded as a place for freedom and experimentation and want to break down the barriers between businesses and consumers with good products and automation. The team wanted to see a workplace that would let them brainstorm business problems, build MVPs, get feedback and create great products. And there's no better way to find the right place than to create one on their own. Since 2016, it is enabling teams to go remote, communicate better and increase their productivity.

Job Profile: Software Development Engineer – Full Stack Developer

Job Description:

Responsibilities –

- Building and developing new software features for our products such as JustCall, Helpwise, and Dialworks.
- Working through design, implementation, integration, testing and deployment phases of project delivery.
- Collaborating with cross functional teams - Experimenting and reiterating on software basis feedback from customers / product & business stakeholders.
- Designing and developing new fast and robust algorithms to ensure that the platform supports millions of communication exchanges every month.
- Work on Integrations with other CRMs and B2B SaaS products.
- Work with our engineering team to deploy and maintain research models in production.
- Collaborate with product and design teams on crafting great user experiences.

Skills Required –

- Technical skills: MySQL, PHP, Linux, Apache.
- Experience working with JavaScript and one or more modern frontend frameworks.
- Experience working with object oriented programming and experience with at least one object oriented programming language).

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- Solid understanding of Database technologies such as SQL, MongoDB and relational database schema design.
- HTML/CSS experience, including concepts like layout, specificity, cross browser compatibility, and accessibility.
- Product sense or curiosity about product and business value.
- Good problem solving skills - 'there is always a solution' attitude.
- Excellent interpersonal, ownership, written, and oral communication skills

Location of Job: 100% Remote (Office in Noida)

Exit options: Transition to other roles like Product

No. of offers made: 7

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Selection Process:

Branches open to: All B.E. except Pharma and Dual Degree

CGPA Criteria: Must cross 6.75 after PS2

Recruitment Procedure:

- Resume Shortlisting, Online Test, Interview
- Online Test has 2 sections –
- Aptitude & Coding Questions – Basic coding & aptitude based questions
- Coding Questions – 2 Coding Questions just to check the basics
- Test was easy. However, it is important to maintain speed to finish all questions.
- Interview – Only one round of interview with all the important sections. (80 mins)
 - Introduction – A thorough introduction with all the skills you have, interests and how you acquired those skills. (3-5 mins)
 - Resume Based – Pick up any one favourite project that you have done & take them through your contribution & other project details.
 - Language/Framework Based – Mainly JavaScript based or any other language/framework that you have worked on earlier (for me it was – Flutter, React, Vue).
 - DSA Based – Basic DSA based questions including stacks, queues, trees, etc.
 - SQL Based – Database design question (how you create a database), if you need to implement a new feature then how you improve and modify the database & how you query anything if you need from the database (Basics of SQL like joins, schema, basic queries).
 - HR Based – Questions about your compatibility with the company and do you align with the company's vision.

Sources of Preparation:

- Be thorough with your resume. You should know all the details of the projects you did & the impact that you made in that.
- Basics of DSA & any coding language (JavaScript preferred) – College Courses/YouTube/Projects.
- Basic HR Questions – Prepare the answers for questions like – Do you align with the company's vision, why do you want to join this company and the questions that you want to ask to the interviewer at the end

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Relevant Courses and Certification:

No Courses are necessary to do. OOP and DSA can help you to get the basics.

Suggestions / Other Information:

- Be confident with your resume and projects that you have done.
- Have at least one language that you are best at.
- Be truthful about what all you know and don't know.
- Interviewers want to see how you answer if you get any unknown question not the answer you give

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Sector: IT

Name: Rishabh Arora (2017B2A10638P)

Company: SaaS Labs

Job Profile: Software Development Engineer

Location of Job: Noida

No. of offers made: 7

Selection Process:

Branches open to: All BE and dual degree

Recruitment Procedure:

- Resume Shortlisting, Online Assessment, Interviews
- Test had 2 sections:
 - 12 MCQs (mostly based on CS Fundamentals OOP, OS, DBMS).
 - 3 Coding questions (2 questions on SQL and 1 on React)
- Test was easy. However, it was important to maintain speed, since the Run All test cases process for the React question was very slow (it was most likely the test portal's bottleneck).
- Interviews: The number of rounds varies from 1-2 technical rounds. A few people had 2 rounds, although I had a single round only. My round was approximately 1.5 hr long.
 - Round 1 (Technical):
 - Started with an introduction
 - Questions about my internships and projects
 - CS fundamentals were asked (Basic OOP, OS and DBS)
 - A few basic system design problems
 - 1 DSA question (Leetcode Hard)

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Sources of Preparation:

- Leetcode for DSA
- I had taken DM, DSA, OOP and OS as my subjects on campus
- Studying on Youtube (Gate Smashers) for OS, a day before the interview really helped.
- Also reading the top interview questions on InterviewBit for CS fundamentals really helped.

Relevant Courses and Certification:

- I had taken DM, DSA, OOP and OS as my subjects on campus (but that was primarily done to get an IT PS). Doing these courses on campus is not needed as such, just having knowledge about them is enough.
- I had done 4 internships in Web/Full Stack development by the time I sat for my placements.

Suggestions / Other Information :

- Be good with resume preparation. Please don't write stuff you don't know or are not comfortable with as the interviewers might grill you on anything and not being able to answer will lead to immediate rejection.
- Practice Leetcode for at least 2-3 months(LC Easy and Medium is fine, also do typical interview questions).
- Have a basic understanding of CS fundamentals (OOP, OS and DBMS).
- At the end of the day keep one thing in mind that how your interview goes is not completely in your hands. No matter how well you are prepared, if the interviewer wants to mess with you he can. In one of my interviews, I was asked to write the running code for a NP hard problem, and not being able to do so led to my rejection. Just don't be disheartened with these types of interviews.

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Sector: IT

Name: Sigilipelli Lakshmi Tarun (2018A8PS0893P)

Company: SaaS Labs

Company description (2-3 lines):

SaaS Labs is one of the fastest growing SaaS companies in India, having witnessed a multifold growth over the last couple of years. We have a vision to enable small and medium enterprises around the world to revolutionize their sales and customer support processes via workflow automations, seamless integrations and the latest technologies. Our top products include Justcall (an intelligent cloud contact centre powered by AI), and Helpwise (shared inbox with social media integrations).

Job Profile: SDE - Full Stack Developer

Job Description:

SDE Role:

- Building and developing new software features for our products such as JustCall, Helpwise, Dialworks
- Working through design, implementation, integration, testing and deployment phases of project delivery
- Collaborating with cross functional teams - Experimenting and reiterating on software basis feedback from customers / product & business stakeholders
- Designing and developing new fast and robust algorithms to ensure that the platform supports millions of communication exchanges every month
- Provide software design and programming expertise to support research projects
- Work on Integrations with other CRMs and B2B SaaS products

Skill Set:

- Technical skills: MySQL, PHP, Linux, Apache
- Experience working with JavaScript and one or more modern frontend frameworks
- Experience working with object oriented programming and experience with at least one object oriented programming language)
- Solid understanding of Database technologies such as SQL, MongoDB and relational

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- database schema design
- HTML/CSS experience, including concepts like layout, specificity, cross browser compatibility, and accessibility
 - Proficient understanding of code versioning tools, such as Git
 - We expect you to bring a high degree of ownership and be a strong self starter.
 - Good problem solving skills - 'there is always a solution' attitude

Location of Job: 100% Remote (Office in Noida)

Exit options: MBA,UPSC

No. of offers made: 3

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Selection Process

Branches open to: All B.E. except Pharma

CGPA Criteria: 6.5 CGPA after PS2

Recruitment Procedure:

- Online Test, Resume Shortlisting, Interviews
- Test had 3 sections:
 - MCQs- Questions were asked on the skills mentioned in the skill set.
 - SQL- Questions where we were asked to write sql queries based on data present in tables provided.
 - Full Stack Question: Required to build a payment gateway using React.
- Interviews: The number of rounds varies from 1-2.
- First round: Mostly based on resumes and some random DSA and SQL questions , Javascript questions can be expected.
- Second round: It is a continuous round after round 1 and can be expected to have questions related to the projects you have made and you will be asked to implement code for some part of the project you have done. The HR round is also associated in the same round and some basic HR questions were asked.

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Sources of Preparation:

GeeksforGeeks archives (★), InterviewBit, LeetCode, JavaTpoint, W3schools(for SQL)

Relevant Courses and Certification:

OOPs, OS, DSA

Suggestions / Other Information:

- While responding to any DSA question in an interview, consistently start with brute force first (regardless of whether you know the most ideal response) and afterward move towards the optimum answer while clarifying your every single idea behind how you can optimize the solution.
- 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: Suraj Jindal (2017B4A10887P)

Company: SaaS Labs

Company description:

SaaS Labs is a technology company that builds digital products to serve thousands of SMBs & Enterprises around the world. JustCall, CallRoot, SMMAI are some of the popular products by SaaS Labs. SaaS Labs also invests in or incubates interesting SaaS startups.

Job Profile: Full Stack Developer

Job Description:

- Building and developing new software features for our products such as JustCall, Helpwise, Dialworks
- Collaborating with cross functional teams - Experimenting and reiterating on software basis feedback from customers / product & business stakeholders
- Work on Integrations with other CRMs and B2B SaaS products

Skill Set Required:

- Technical skills: MySQL, PHP, Linux, Apache
- Experience working with JavaScript and one or more modern frontend frameworks
- HTML/CSS experience, including concepts like layout, specificity, cross browser compatibility, and accessibility

Location of Job: Remote (WFH)

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Selection Process

Branches open to: All BE and Dual Degree

CGPA Criteria: 6

Recruitment Procedure:

- Resume Shortlisting, Online Test, 1 Technical interview
- Online test:
 - It had theoretical questions on OOPs, DBMS, 2 questions on SQL queries and 1 question was on web page development.
 - We needed to design a web page with a list of scrollable cards with some information on it and also include a search bar. There should be an edit link on each card on clicking which a form appears and we can edit the information on the card. It accounted for almost all of the total score.
 - But we were spared as the editor during the test suddenly stopped working and was ultimately selected for the interview on the basis of resume.
- Interview:
 - It was all about resume, Full Stack Development and was mostly based on LAMP stack, MERN stack, javascript, react and hooks. This was their requirement and was mentioned on my resume also so they asked me in depth about all the topics mentioned above.
 - Also, they asked me 3 questions on SQL queries(nested query, inner join and n-highest salaries). They also tested me on my knowledge of basics of OS and DSA.
 - At last I was asked a puzzle (find out the min no. of time you had to use the scale to find the ball with the different weight).

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Sources of Preparation:

Interviewbit resources and resume (in Detail)

Relevant Courses and Certification:

Nothing as such. But Udemy's developer courses might help a little.

Suggestions / Other Information:

Just be thorough with your resume and try to explain any concept with examples.

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Sector: IT

Name: Mustafa (2017B4A30894P)

Company: Samsung Research Institute Bangalore

Company description (2-3 lines):

Samsung Research is the advanced research and development (R&D) hub of Samsung's Consumer Electronics (CE) Division and IT & Mobile Communications (IM) Division. Samsung Research leads the development of the future technologies with more than 10,000 researchers and developers working in overseas R&D centres.

Under the vision of "Shape the Future with Innovation and Intelligence", it is actively conducting research and development (R&D) to identify new future growth areas and secure advanced technologies for its products & services to create new value and improve people's lives.

Core research themes at Samsung Research include artificial intelligence (AI), data intelligence, next-generation communications, robot, Tizen, life care & new experiences, next-generation media, and security. In particular, it is expanding its research scope to new promising fields to realize a new lifestyle based on AI technologies.

Job Profile: Developer

Job Description:

Developer : The selected candidate(s) would be primarily working on Software R&D projects and they will be further mapped to any of the below mentioned CoEs based on their interest and business requirements –

- Intelligence (Voice, Vision, OnDevice, Data)
- Multimedia (Voice, Vision, OnDevice, Data)
- Modem (5G, Network)
- Services (Server Tech, Web)

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Skill Set:

- Ability to solve problems using appropriate Algorithms and Data structures
- Ability to write clean executable code – strong programming skills
- Strong fundamentals in Computer Science
- Strong analytical skills
- Strong desire to “Inspire the World and Create”

Location of Job: Base Location– Bangalore

Exit options: Based on team

No. of offers made: 15

Selection Process

Branches open to: CS/EEE/ENI

CGPA Criteria: 6.5

Recruitment Procedure:

Test had 4 sections:

- Competency Test (DS ALGO).
- Managerial review

Test was of medium level. Only 1 question and 3 hours.

Sources of Preparation:

Interview bit

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Sector: IT

Name: Abhith Krishna (2017B5A30941P)

Company: Samsung R&D, Bangalore

Company description:

Samsung R&D Institute India-Bangalore (SRI-B) is the largest R&D Center outside of South Korea and a key innovation hub in the Samsung group.

With the best of talent from India and overseas, our focus is on creating cutting-edge technologies across multiple areas of Samsung's business, that transform the experiences of users both globally, as well as in local markets.

The specific purpose of SRI-B in the Samsung family is twofold: to create USPs for global flagship devices by creating significant advancements in Modem, Multimedia, AI, Internet of Things, and to make for India by catering to the specific needs of Indian consumers.

Job Profile: Software Developer

Job Description:

- Ability to solve problems using appropriate Algorithms and Data structures
- Ability to write clean executable code – strong programming skills
- Strong fundamentals in Computer Science
- Strong analytical skills

Location of Job: Bangalore

Exit options: Research-oriented companies or higher education institutions

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Selection Process:

Branches open to CS, EEE, ENI

CGPA Criteria: 7.0 and above required

Recruitment Procedure:

- The offer I got was through PS-II PPO. Hence the procedure was:
 - Conducted an online coding test called as “SWC advanced test” (Software competency test)
 - The test was conducted on Samsung’s own test platform
 - The test consisted of only 1 question and the time given was 3hr.
 - There were many hidden test cases, which were run after we submit the code.
 - Only 5 chances to submit the final code were allowed if we submit 5 times and our code still doesn’t pass hidden test cases, the result was considered as a fail.
 - The questions mostly asked are related to Graphs, Backtracking, and DP with memoization.
 - STL(for C++) and other libraries may or may not be allowed depending on the question
 - You pass the test as soon as you submit and the hidden cases pass, we can see the result as a Pop-up box.
 - Manager Feedback(related to your internship project performance) was taken for all the candidates who passed the SWC advanced test.
 - Finally, Candidates having good manager feedback and SWC test pass were given a PPO.



Sources of Preparation:

Geeks for geeks, InterviewBit, Leetcode.

Relevant Courses and Certification:

Data structures and algorithms and Computer Networks (depends on the team you get)

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Sector: IT

Name: Naman Agarwal (2018A3PS0435P)

Company: Samsung R&D Bangalore

Company description (2-3 lines):

Samsung Research is the advanced research and development (R&D) hub of Samsung's Consumer Electronics (CE) Division and IT & Mobile Communications (IM) Division. Samsung Research leads the development of the future technologies with more than 10,000 researchers and developers working in overseas R&D centers.

Job Profile: Software Engineer - Developer

Job Description:

SDE has to design, develop, and test software and applications for computers. The main duties and responsibilities of software engineers include directing and participating in programming activities, monitoring, and evaluating system performance, and designing and implementing new programs and features.

Location of Job: Bangalore

Exit options: No idea

No. of offers made: 3 (SRIB, SRI-N, SaaS Labs)

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Selection Process

Branches open to: CS, EEE, ENI

CGPA Criteria: 7+

Recruitment Procedure:

- **Online Test:**
 - The test had three programming questions (70 mins) based on Trees, DFS, and BFS. (All standard ques)
 - It was conducted on CoCubes Platform. The IDE was decent; only sample test cases were checked against the solution.
 - 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.
 - Around 30 students were shortlisted after the Online Test. Each round was an elimination round.
- **Technical Interview - 1:**
 - My interviewer was very chill. First he asked about my hobbies, interest to make me comfortable.
 - Started with standard ques of DSA: Reverse linked list, Max islands prob. No need to code, just tell the approach.
 - 15-20mins on my projects. intro + tech stack of projects
 - 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.
 - Some OS standard ques like: Process scheduling, threading, paging
- **Technical Interview - 2:**
 - Resume based discussion. You are expected to justify each and everything you write on your resume. Internship projects, course projects were discussed.
 - The interviewer will deep dive on the tech stack you worked on and the design choices you made.
 - JAVA related OOP Questions.
 - OS questions. (semaphore, mutex, linux architecture)

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- **HR Round:** Standard HR round questions. (what after 5 yrs, higher studies, resume projects, favourite tech want to work)

Sources of Preparation:

- Leetcode for practice
- gfg for theory
- Demux academy course for course completion
- Helpful YouTube Channels:
 - Aditya Verma DP complete playlist (VVIP)
 - Striver Graph Series (TakeUForward)
 - Back To Back SWE (All ques important + Explanation)
 - OS by Gate Samshers
 - Abdul Bari for Graph Algos
 - DBMS by Scaler academy (2-3hrs lecture in one go)
 - Techdose/ PepCoding for leetcode ques solutions
 - MindOrks (for Android Dev, also has a Github repo for all ques)
- Leetcode Contests for Online coding test practice
- Interview Experience on GFG helped a lot
- SQL keywords from W3Schools

Relevant Courses and Certification:

OOP, OS, DSA

Suggestions / Other Information :

- Questions generally repeat in most of the coding rounds. Must see all the questions asked in colleges that company has just visited before.
- Operating System & OOPs are subjects which are heavily asked in all the interviews. MUST Prepare them well in advance.. (sometimes a full interview is based on these 2 subjects). Similarly SQL is very important, they will definitely ask you to write basic queries.
- Have Faith on your prep, and never underestimate your potential. Stay Motivated and keep solving more & more problems. Believe me, Placements are LITE!!

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Sector: IT

Name: Naman Bharti (2017B1A80948P)

Company: Samsung R&D Institute, Bangalore

Company description (2-3 lines):

Samsung Research is the advanced research and development (R&D) hub of Samsung's Consumer Electronics (CE) Division and IT & Mobile Communications (IM) Division. Samsung Research leads the development of the future technologies with more than 10,000 researchers and developers working in overseas R&D centers.

Job Profile: Developer

Job Description:

- Ability to solve problems using appropriate Algorithms and Data structures
- Ability to write clean executable code – strong programming skills
- Strong fundamentals in Computer Science
- Strong analytical skills
- Strong desire to “Inspire the World and Create”

The selected candidate(s) would be primarily working on Software R&D projects and they will be further mapped to any of the below mentioned CoEs based on their interest and business requirements:

- Intelligence (Voice, Vision, OnDevice, Data)
- Multimedia (Voice, Vision, OnDevice, Data)
- IoT (Cloud, IoTvity)
- Modem (5G, Network)
- Services (Server Tech, Web)

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Location of Job: Bangalore, India

Exit options: N/A

No. of offers made: 1

Selection Process

Branches open to: A3, A7, A8

CGPA Criteria: None

Recruitment Procedure:

Samsung SWC Advanced Test + Manager's Rating

Sources of Preparation:

- DSA: YouTube (Pepcoding)
- OS: YouTube (GATE Smashers)
- OOPS: Textbook + Topic wise YouTube videos
- DCN: BITS Course

Relevant Courses and Certification:

- Web Developer BootCamp – Udemy
- DSA - Coursera

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Sector: IT

Name: Riya Bhandari (2017B4A80773P)

Company: Samsung R&D Bangalore

Company description (2-3 lines):

Samsung Research is the advanced research and development (R&D) hub of Samsung's Consumer Electronics (CE) Division and IT & Mobile Communications (IM) Division.

Job Profile: Software Engineer - Developer

Location of Job: Bangalore

Selection Process:

Branches open to: A7/A3/A8

CGPA Criteria: 7+

Recruitment Procedure:

- Online Test:
 - The test had one programming question based on Cyclic Graph.
 - It was conducted on CoCubes Platform. The IDE was decent and the solution can be checked with given Sample test cases.
 - Hidden test cases (total 10) were run on the solution. You have to be sure of your submission since only 5 Submissions were allowed.
- Students were shortlisted based on mentor feedback and Online test score.

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Sources of Preparation:

Leetcode, InterviewBit

Relevant Courses and Certification:

Data Structures and Algorithms, OOP

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Sector: IT

Name: Sombit Roy (2017B5A80897P)

Company: Samsung Research Institute

Company description (2-3 lines):

Samsung Research is the advanced research and development hub of Samsung's Consumer Electronics Division and IT & Mobile Communications Division.

Job Profile: Software Engineer

Job Description:

Depending on business requirements, employees can be assigned to any one of the following – Intelligence (Voice, Vision), Multimedia (Camera, AR), IoT, 5G, etc.

Location of Job: Bangalore

Exit options: Other IT firms, Higher studies



Selection Process

Branches open to: CS/EEE/EnI

CGPA Criteria: 7 and above

Recruitment Procedure:

- Online Test –
 - There were 2 questions to be solved in 1 hour. The first one was very easy, to find the maximum subarray sum. This can be solved in a few lines using Kadane's algorithm.
 - The second one was Wildcard Matching (Leetcode 44). This one is a bit tricky, as my 2 pointers approach was failing for some test cases. I used dynamic programming, and it passed all cases.
- Interview Round 1 –
 - Here, a very difficult question was asked. Basically, in an $N \times N$ matrix, some cells have fire and some cells have trees. The fire can spread four-directionally if trees are adjacent to it, and the tree cell now becomes a fire cell. It takes 1 hour for fire to spread to adjacent cells. If certain k trees are cut initially, then which permutation results in maximum trees being spared from the fire? Also, how long does it take for the rest of the trees to get burnt?
 - I used backtracking to generate every possible permutation of k trees and deleted them from the matrix. For each case, I then ran a Breadth First Search to calculate time taken for trees to burn. The interviewer said that this wasn't an optimal solution but he was very impressed by the way I explained the backtracking + BFS approach.
- Interview round 2 –
 - This round was comparatively simple. The interviewer asked some really basic DSA questions like the definition of a Binary Search Tree and some OOP concepts like static variables and runtime polymorphism using virtual functions.
 - I also had to describe my role at my summer internship, so I explained to him in thorough detail about the features of React.js and Redux which I had used there. Finally, he also asked me about some basic Linux commands.

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Sources of Preparation:

- I did competitive coding on Leetcode for more than 6 months. Your major focus for interview preparation should be DSA, because all IT companies will thoroughly test your knowledge in this.
- If you are coding in C++, get familiar with its STL. Solve a lot of problems on Dynamic Programming and Graph Theory, as these are difficult topics and require a great deal of practice to master them.
- Also look into 2 pointers and Hash Maps, which are extremely useful in reducing the time complexities of many problems.

Relevant Courses and Certification:

Data Structures and Algorithms, Object Oriented Programming

Suggestions / Other Information:

Don't get disheartened if you cannot solve a coding question. It is natural to struggle at first. Just keep on practicing, and see the discussions section in Leetcode to get an idea as to how others are solving and optimizing that problem. Soon, you will see that you can come up with those approaches as well.

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Sector: IT

Name: Yash Raj Agarwal (2018A8PS0782P)

Company: Samsung R&D Bangalore

Company description (2-3 lines):

Samsung R&D Institute India-Bangalore (SRI-B) is the largest R&D Centre outside of South Korea and a key innovation hub in the Samsung group. The specific purpose of SRI-B in the Samsung family is twofold: to create USPs for global flagship devices by creating significant advancements in Modem, Multimedia, AI, Internet of Things, and to make for India by catering to the specific needs of Indian consumers.

Job Profile: Software Engineer - Developer

Job Description:

Developer Role:

- Ability to solve problems using appropriate Algorithms and Data structures
- Ability to write clean executable code – strong programming skills
- Strong fundamentals in Computer Science

The selected candidate(s) would be primarily working on Software R&D projects and they will be further mapped to any of the below mentioned CoEs based on their interest and business requirements

- Intelligence (Voice, Vision, OnDevice, Data)
- Multimedia (Camera, AR)
- Cloud, IoT
- Modem (5G, Network)
- Services (Server Tech, Web)

Location of Job: Bangalore

No. of offers made: 7

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Selection Process

Branches open to: A3, A8, A7

CGPA Criteria: 6.5 CGPA

Recruitment Procedure:

- **Coding Test:** Standard questions from Trees and Linked List.(Easy-Medium difficulty)
- **Technical Interview 1:**
 - Made me solve one real life problem he solved a year ago. It was a mixture of OOPS and N-ary Trees. Tested knowledge of both thoroughly.
 - BFS and DFS in trees. Asked why the iterative method is preferred in Industry over Recursive.
 - In depth discussion on Resume based projects.
- **Technical Interview 2:**
 - Given a binary tree, you have to return a mirror image of that tree. (Complete code)
 - Given an integer A you have to find the number of ways to fill a 3 x m board with 2 x 1 dominoes. (Only recursive equation and pseudo code asked)
 - OOPS concepts asked. (Static data members, abstract classes and Virtualization etc)
 - Discussion on Internships and projects.
- **HR interview:** Basic questions about my ambitions and hobbies.

Sources of Preparation:

GeeksforGeeks, InterviewBit, Gate Smashers YouTube channel for OS

Suggestions / Other Information :

- Be good with resume preparation
- Be confident while solving problems and even if you are not able to solve a question, tell the interviewer what you are thinking, this creates a good impression and the interviewer helps you by giving hints in that direction.

Sector: IT

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Name: Prateek Garg (2018A3TS0412P)

Company: SAP Labs

Company description (2-3 lines):

SAP Labs India is SAP's R&D center that drives SAP's product strategy, is responsible for SAP core solutions and provides product localization and India specific solutions. The center contributes to the development of SAP flagship products like SAP HANA and SAP S/4HANA .

Job Profile: Developer Associate – ICN (Innovation Center Network)

Job Description:

The role requires:

- Developing innovative, scalable and high performing technical solutions using new transformative technologies.
- Sourcing early technologies through applied research partnerships and helping translate new concepts and ideas into assessable and feasible software prototypes that matter.
- Doing research and prototyping and continuously keeping updated on emerging technologies and frameworks.
- Working with universities, research institutions, industry and Line of Business to identify and solve research problems.

Location of Job: Bangalore

No. of offers made: 3 in total, 1 for this role

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Selection Process:

Branches open to: A7, A3, A8, A4

CGPA Criteria: 6.5 CGPA

Recruitment Procedure:

Online Test, Resume Shortlisting, 2 Technical Rounds, 1 Managerial Round, 1 HR Round

- **Online Test:** 2 easy-moderate questions (randomly distributed amongst participants). For me, the first was based on Strings and the second was based on finding the maximum occurring elements in all rows of a 2D array.
- **Technical Round 1:**
 - I was asked to give a brief introduction on my skills and experience. Then I was asked to code one DSA problem on Arrays.
 - The problem was as follows: An array consists of an element that occurs at least $\text{floor}(N/2)$ times, where N is the length of the array. Find this element. It was expected that the solution runs in $O(N)$ time complexity and constant space complexity.
 - He then asked me questions on my internship experiences and a few technical questions on Machine Learning and Reinforcement Learning (based on my Resume).
- **Technical Round 2:** The round began with a formal introduction. Then, I was asked to code a DSA problem on finding the number of unique paths from top-left to right-bottom of a 2D array having obstacles. (<https://leetcode.com/problems/unique-paths-ii/>)
- **Managerial Round:**
 - Why are you fit for this role?
 - Design an attendance tracking system that involves minimal human intervention.
 - How would you design an application that can keep track of mental health of individuals using AI? I was expected to come up with some innovative features.
- **HR Round:** General questions like:
 - Tell me about yourself.
 - What do you know about SAP and its products?
 - HR explained about the work-life balance and employee friendliness culture at SAP.

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Sources of Preparation:

Leetcode coding problems and GFG company archives. Course slides for DSA, OOP and OS.

Relevant Courses and Certification:

DSA, OOP and OS courses on campus.

Suggestions / Other Information:

- Read up thoroughly about the company, its products and the JD. Practice previous year questions from GFG archives to be familiar about the interview process of the company.
- During problem-solving, make sure you speak out your thought process, as interviewers are interested in the approach you take. Be confident and optimistic throughout the process.
- If you are from circuit branches, getting internship and project experiences in CS related fields is a plus.



Sector: IT

Name: Rishav Das (2018A7PS0157P)

Company: Siemens EDA

Company description (2-3 lines):

Mentor Graphics provides a unique blend of an opportunity to work on latest technology and come up with innovation for software engineers who want to design software products for electronic design development.

Job Profile: Member Technical Staff

Job Description:

Assist senior engineers in designing, developing, modifying and implementing software programming for products (both internal and external) with focus on surpassing customers' expectations by achieving high quality and on-time delivery. Ensure the overall functional quality of the released product on all the required platforms and mechanism. Work under close supervision.

Location of Job: Noida, India.

No. of offers made: 1

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Selection Process

Branches open to: A3, A7, A8 and 'any' MSc Maths and Physics (both single and dual degree)

CGPA Criteria: 6 post PS

Recruitment Procedure:

- Resume Shortlisting, Online Test, Interviews
- Test had 2 sections:
 - Aptitude
 - Coding
- Test was easy, but time allotted was less, for the given amount of questions
- Interviews: There were 3 rounds
- First round was entirely technical in nature. I was asked three coding questions.
- Second round was an HR round, although it involved some DSA theory based questions in addition to questions about career choice and interests.
- Third round was also an HR round involving a scenario based case-study.

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Sources of Preparation:

- Online platforms such as Geeks for Geeks, Leetcode
- YouTube for practice and learning.
- Textbooks on Algorithm Design.

Relevant Courses and Certification:

Data Structures and Algorithms, Design and Analysis of Algorithms, Computer Programming.

Suggestions / Other Information :

- Prepare according to your resume. Try not to add things you're not entirely proficient at, in the resume.
- Think out loud while solving coding problems.
- Be honest during the HR interviews.

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Sector: IT

Name: Sushant Kumar Roy (2018A2PS0121P)

Company: Siemens EDA

Company description (2-3 lines):

Siemens AG is a German multinational conglomerate corporation and the largest industrial manufacturing company in Europe headquartered in Munich with branch offices abroad. Mentor Graphics was acquired by Siemens. And these roles were basically offered by Mentor Graphics. Mentor Graphics is a technology leader in electronic design automation (EDA), providing software and hardware design solutions that enable companies to develop better electronic products faster and more cost-effectively.

Job Profile: Member Technical Staff

Job Description:

Assist more senior engineers in designing, developing, modifying and implementing software programming for products (both internal and external) with focus on surpassing customers expectations by achieving high quality and on time delivery. Ensures the overall functional quality of the released product on all required platforms mechanisms. Works under close supervision.

Location of Job: Noida

Exit options: MBA in IIM, Joining Venture capital/ Private equity firms in the future

No. of offers made: 1

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Selection Process

Branches open to: All B.E.

CGPA Criteria: 6.0

Recruitment Procedure:

- Resume Shortlisting, Online Test, Technical Interview Round-1, Technical Interview Round-2, HR interview, Offer
- The Online Test consisted of MCQs of Aptitude, CS fundamentals (DSA, OOP, OS), electronics and 3 coding questions. I did not attempt electronics' section, however I was able to do all the coding questions and most of the CS Fundamentals MCQs.
- The Technical Interview Round 1 was based on DSA and was easy. As far as I remember I was asked to implement stacks using queue, one basic DP problem and some other DSA questions (there were two interviewers so the interview went little lengthy).
- The Technical Interview Round 2 was all about OS and OOP. He asked lots of OS questions and at last asked some OOP concepts (like polymorphism and inheritance) to code.
- Finally, there was a typical HR round.

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Sources of Preparation:

OS and OOP course material was enough. But revision from InterviewBit was quite helpful. For the coding part, medium level leetcode questions were enough.

Relevant Courses and Certification:

OOP, DSA, OS (no prerequisites from company's side).

Suggestions / Other Information:

You have to steer the interview yourself.

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Sector: IT

Name: Rishabh Jain (2018A8PS0430P)

Company: Slice

Company description (2-3 lines):

It's a fintech startup that became a unicorn in 2021. The company is based on providing credit cards to a young audience

Job Profile: SDE

Job Description:

- Design and develop microservice that can work in a large-scale multi-tenant environment.
- Explore design implications and work towards appropriate balance between functionality, performance, and maintainability
- Work with a cross-discipline team of Design, Product, Data Science and Analytics team
- Deploy and maintain the application in a secured AWS environment.
- Take ownership from ideation phase to deployment and maintenance.
- Actively participate in the hiring process to bring world-class programmers in the team.

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Location of Job: Bangalore

No. of offers made: 5

Selection Process

Branches open to: Circuital

CGPA Criteria: 6.5 after including PS-2

Recruitment Procedure:

- **Online test** – It contains 2 coding questions and certain MCQs.
- **Technical interview 1** –
 - This round was mainly focused on DSA. The interviewer asked 3 questions on DSA and was helping me solve them. I solved all 3 questions and was selected for the next round.
 - Question 1- Can't remember but a simple array question.
 - Question 2- Trapping rainwater problem - <https://leetcode.com/problems/trapping-rain-water/>
 - Question 3- Find the greatest number using the numbers from the array - <https://www.geeksforgeeks.org/given-an-array-of-numbers-arrange-the-numbers-to-form-the-biggest-number/>
 - You don't have to write full working code but only the main part. The interview was held on Calcypod and an IDE was opened where the interviewer copy-pasted the questions and you write only the important parts of your solution.
 - The interview was about 1 hour.
- **Technical interview 2** -
 - The round did not contain a single DSA question. It was focused more on the projects I did and my internships a question on OOP.
 - He asked me what I did in my projects and the technology associated with them. One question was what is middleware in express JS and I was not able to answer that.

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- He then proceeded by asking an OOP question- Design a helper function that first goes to the "localhelp" function and if the help is not found it goes to "googlehelp" function. You did not have to specify what is inside these classes but just a class blueprint. After a lot of different things I did in that question, he was looking for an abstract function in the "help" class which is the parent of "localhelp" class and "googlehelp" class.
- I asked him for the review at the end of the interview. He said that he expected a lot more depth of the technologies I used in my internship and that I have answered some questions wrong but he was pretty satisfied by the OOP answer I gave.
- So don't lose hope during the interview and just focus on doing your best rather than assuming that you have given some answers wrong. You never know what the interviewer is looking for
- This interview was 45 minutes long.
- **HR round-** This was a formality and no one was rejected in this round. She asked me questions like why startup over MNC and would you be willing to work from home or come to Bangalore if the office opened (The interviews happened during the third wave).

Sources of Preparation:

Interviewbit , Strivers sheet(just remember the solutions if you dont have time)

Relevant Courses and Certification:

DSA, OOP

Suggestions / Other Information :

For OOP, OS, DBMS remember these questions by heart. Most of the times the interviewer will not go beyond these questions.

- OOP - <https://www.edureka.co/blog/interview-questions/oops-interview-questions/>
- OS - <https://www.javatpoint.com/operating-system-interview-questions>
- DBMS - <https://www.javatpoint.com/dbms-interview-questions>

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Sector: IT

Name: Yash Gulati (2018A3PS0347P)

Company: Slice

Company description (2-3 lines):

Slice is an Indian financial technology company, based in Bangalore. Founded in 2016, Slice is an app-based credit card challenger in India. The company has a non-banking financial company license from the Reserve Bank of India.

Job Profile: Software Development Engineer

Job Description:

Software Developer Role:

- Design and develop a microservice that can work in a large-scale multi-tenant environment.
- Explore design implications and work towards an appropriate balance between functionality, performance, and maintainability.
- Work with a cross-discipline team of Design, Product, Data Science, and Analytics team.
- Deploy and maintain the application in a secured AWS environment.
- Take ownership from the ideation phase to deployment and maintenance.
- Actively participate in the hiring process to bring world-class programmers to the team.

Skill Set:

- Good problem solving and Logical thinking skills
- A knack for grasping new things and implementing them
- Good understanding of Data structures and Algorithms
- Proficiency in the subject matter of OS, OOP

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Location of Job: Bangalore (Remote due to Covid)

Exit options: MBA, Other product based companies

No. of offers made: 5

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Selection Process

Branches open to: All Branches except Pharmacy

CGPA Criteria: 6.5 (Post PS2)

Recruitment Procedure:

- Round 1: Online Test - It had some aptitude questions and 2 coding questions to be solved. The coding questions were different for everyone and I was asked graph and dynamic programming-based questions.
- Round 2: Online Interview 1 -
 - The interview was conducted on Calyxpod and this round majorly consisted of some resume discussion followed by 3 programming questions.
 - The interviewer started off with his introduction and then asked about me. He followed it up with some resume-based questions on my internships and projects.
 - Then, after a brief discussion, he moved on to the programming questions. He asked me a well-known question on linked lists, and then followed it up with an easy question on arrays.
 - Finally, he asked me one medium difficulty question on dynamic programming. I answered all three correctly and wrote a function code for all three. He asked me to dry run on some inputs and I figured out a small mistake I made in the last dynamic programming question and rectified it.
 - He further asked me to try to reduce the overall space complexity of my solution. I promptly did so after some thinking and he seemed satisfied with my approach. The interview ended and he asked if I had some questions for him.
- Round 3: Online Interview 2 -
 - The interview was a managerial resume discussion and started 5 minutes after my first interview. It started off with the interviewer asking me to tell me a little bit about myself. Something that sets me apart from the other candidates.
 - Eventually, he moved on to some resume-based discussion and asked me to explain my work and the tech stack I have had worked with. He further asked me the biggest challenges I faced and what I did to resolve them.
 - Further, he asked me some OS, OOP-based questions and asked me the difference between Interfaces and Classes. Finally, he asked me to write a basic code displaying Inheritance and Overriding.

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- The interviewer was pretty friendly and didn't care when I forgot some syntax and focused more on my approach.
- Round 4: HR Interview - He asked my basic questions about myself, why slice, why did I reject my PS2 PPO, etc. The interviewer was very friendly and the round went on for 10-15 minutes.

Sources of Preparation:

Leetcode, GFG, Luv (not Love Babbar), Abdul Bari, Aditya Verma on Youtube, College Courses.

Relevant Courses and Certification:

Operating Systems, Data Structures and Algorithms, Object-Oriented Programming, Neural Networks, and Fuzzy Logic (helped in resume based questions)

Suggestions / Other Information:

Don't be too harsh on yourself. It is a mix of skill and luck. Just be competent enough in your skillset and confidence will follow. I learned a lot during other interviews. Be patient and keep grinding because all it takes is one 'Yes' to invalidate all the 'No's.

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Sector: IT

Name: Yash Agrawal (2017B3A30540P)

Company: Unacademy

Company description: Ed-tech company

Job Profile: SDE

Location of Job: Bangalore

No. of offers made: 3

Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: None

Recruitment Procedure:

- Online Test(on Codechef) , 2 technical rounds
- Online Test had 4 questions: First 3 were easy, completing 4th will guarantee your shortlist, otherwise your time is taken into consideration. 4th question was on Digit dp.
- Interviews: There were 2 rounds
 - First round was Based in DSA,
 - Tell me about yourself, give brief about your interns
 - Tree traversal question + code
 - Binary search question + code
 - Dp question + code
 - Second was technical for me, for many it was HR.
 - Questions on PS2, OS standard questions, DBMS questions
 - Design based question, on how you will design the search bar of google, for telephone directory. (Trie)

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- Design based question, how will you store a chat record. (DBMS)

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Sources of Preparation:

- Interviewbit, Leetcode, codeforces contests only, For DSA, start as soon as possible, don't keep DSA in last.
- Gate smashers on youtube for OS and DBMS
- <https://leetcode.com/discuss/study-guide/1098600/TOPICS-WHICH-YOU-CAN'T-SKIP-INTERVIEW-PREPARATION-or-STUDY-PLAN-USING-LEETCODE>
- For oop take topic from the above list and read every article about it on GFG

Relevant Courses and Certification:

DSA, OOPS, OS

Suggestions / Other Information:

- Start practicing LeetCode as soon as possible. This practice will help you get through tests and solve the generic interview questions.
- 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.
- Go through your resume and think of the possible questions that might be asked.
- Our 2nd sem placement happens after IITs placement. Try to find interview questions for common companies. Questions are repeated.

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Sector: IT

Name: Abhinav Prakash (2018A8PS0583P)

Company: VMware

Company description (2-3 lines):

VMware is the leader in virtualization and cloud infrastructure solutions that enables more than 500,000 enterprise and mid-market customers to thrive in the Cloud Era by simplifying, automating and transforming the way they build, deliver and consume IT.

Job Profile: Member of Technical Staff

Job Description:

As a New Graduate at VMware, you'll create innovative solutions and solve complex problems. You'll take ownership of meaningful, big-picture projects and springboard into an impactful career. At VMware, you will become immersed in all aspects of our innovative and collaborative culture, and ensure you get the full VMware experience. You'll interact with industry thought leaders at one of our world class campuses and enjoy networking, community service, and career development events.

Location of Job: Bangalore

Exit options: Masters in CS, cloud related roles.

No. of offers made: 5

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Selection Process

Branches open to: CS and Circuital branches

CGPA Criteria: None

Recruitment Procedure:

- Online Coding Test - There were 4 sections in the coding test, aptitude MCQs, computer science (questions were asked from subjects like OOP, OS, etc) MCQs, one coding question and for the last section you had to choose 2 of your preferred languages and MCQs were asked based on syntax and DSA.
- Technical Interview -
 - There were supposed to be two technical interviews but due to some constraint a single session with two interviewers was held for me. After a short intro and discussion on the projects that I had done we moved on to DSA questions.
 - There were a couple of questions asked on string manipulation, another question was to find the first non-repeating character in a string and then I was asked a stack question which was a variation of next greater element to the right and a simple DP question.
 - There was also a mathematics puzzle-type question on GP which concluded the interview.
- Managerial Interview - This round was majorly focused on past internships and the challenges and learnings faced there. There were few theoretical questions on OS, OOP and DBMS. After that we discussed the workings of the product that my manager was working on and there were some behavioral questions asked in between.
- HR Round - I was asked standard HR questions and was informed about work culture, salary etc.

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Sources of Preparation:

Covered the DSA theory part using Youtube and practiced questions on sites such as Leetcode and GeeksForGeeks.

Relevant Courses and Certification:

DSA, OOP, OS, Computer Networks and DBMS.

Suggestions / Other Information :

Keep your resume concise and don't mention anything that you might not be well versed with. Also keep a clear head in the interviews and answer without undertaking any pressure.

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Sector: IT

Name: Piyush Jain (2017B5A30944P)

Company: VMWare

Company description (2-3 lines):

VMware, Inc. is an American cloud computing and virtualization technology company headquartered in California. VMware was the first commercially successful company to virtualize the x86 architecture.

Job Profile: Member of Technical Staff (SDE)

Location of Job: Bangalore

No. of offers made: 5

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Selection Process:

Branches open to: A3, A7, A8

CGPA Criteria: No CGPA Criteria

Recruitment Procedure:

- Online Test: VMWare took an online test that had 3 mandatory sections which were:
 - Aptitude – 10 questions – 15 mins
 - Technical MCQs – 19 questions – 30 mins
 - Coding questions – 1 question – 30 mins
 - Apart from these 3 mandatory sections the test had 4 optional sections of which we had to solve any 2. These 4 mandatory sections were 5 MCQ on C++, Java, Python, C. You could choose the 2 languages you're most comfortable with. The duration for each section was 8 mins.
 - The coding question asked in the mandatory section was of leetcode's easy difficulty level
- Technical Interview – I
 - The technical interview started with me being asked to introduce myself and my recent work/project. Then the interviewers asked me to talk for 5-7 mins on my recent internship and asked some questions on it. It is advisable to be prepared enough to be able to speak on your PS-2 project for at-least 10-15 mins since this was something common in each of the interviews of Day-1 companies.
 - Then the interviewers started asking questions on Operating Systems, starting with simpler questions and eventually increasing difficulty. They started with questions on memory management, and then went on to ask why only stacks are used for storing function data and why heaps are used for dynamic memory allocation and what kind of heaps are used and what was the reason for choosing those type of heaps. They asked other questions but all of them were from OS.
 - Then they moved to the coding question. The question was to check whether there exists a path between two nodes of a graph and if there exists then store the path and return it. They had shared a link of an online IDE (hackerrank) and asked me write the code there.

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- The interviewers were both very supportive and provided directions wherever required.
- Technical Interview- II (aka Managerial Round):
 - The managerial interview started with the team manager explaining the role of their team and what their team at VMWare does. Then taking my views on the work as to how it interests me. She asked me questions like what are my career aims and expectations from the company I'd join. Also, similar questions like what is something I'd definitely don't want to work on, etc.
 - This discussion went on for 10-15 mins post which she gave me a question which I didn't require to code but discuss approach like which data structure and algorithm I'd use and why.
 - What would be the pros and cons of choosing one data structure over other. What algorithms would help in which scenarios and best and worst cases for each algorithm I mentioned.
 - The interviewer would keep on adding a layer of difficulty or another constraint into the question periodically and the discussion would continue. This was an in-depth discussion which went on for 40-45 mins.
- HR Interview:
 - This round was just a formality where the HR asked generic questions like to introduce myself, where I was from, family background etc. It was only about 10 mins.



Sources of Preparation:

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

Relevant Courses and Certification:

DSA, OS, OOP

Suggestions / Other Information:

- Revise concepts of OS, OOP before going for interviews.
- Doing a couple of mock interviews before sitting for actual one helps a lot. (You can ask your placed wingies to take one)
- Keep communicating what you are thinking, even if you know that might not be the most efficient solution.

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Sector: IT

Name: Pranav Sharma (2017B5A80896P)

Company: VMWare

Company description (2-3 lines):

VMware is the leader in virtualization and cloud infrastructure solutions that enable their more than 500,000 enterprise and mid-market customers to thrive in the Cloud Era by simplifying, automating and transforming the way they build, deliver and consume IT. VMware believes that software has the power to unlock new possibilities for people and our planet. Their software forms a digital foundation that powers the apps, services, and experiences transforming the world. VMware streamlines the journey for organizations to become digital businesses that deliver better experiences to their customers and empower employees to do their best work.

Job Profile: Member of Technical Staff (SDE)

Job Description:

As a New Graduate at VMware, you'll create innovative solutions and solve complex problems. You'll take ownership of meaningful, big-picture projects and springboard into an impactful career. At VMware, you will become immersed in all aspects of our innovative and collaborative culture, and ensure you get the full VMware experience. You'll interact with industry thought leaders at one of our world class campuses and enjoy networking, community service, and career development events.

Location of Job: Bangalore

Exit options: Cloud and virtual workspace related roles, MS Computer Science

No. of offers made: 5

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Selection Process:

Branches open to: CS, EEE, ENI

CGPA Criteria: No CGPA Cutoff

Recruitment Procedure:

- Written Test -> Technical Interview -> Manager Interview 1 -> Manager Interview 2 -> HR Interview
- Written Test: A combination of coding questions and MCQ questions based on OOP and DSA.
- Technical Interview : 40 minute round over Zoom. The interviewers sent a Hackerrank IDE link and asked to code the answer to a question (First the brute force approach, then the optimal code). The question asked was :
<https://www.geeksforgeeks.org/number-subarrays-product-less-k/>
- Manager Interview 1:
 - Questions on OOP, OS, Computational Physics (because I had mentioned the relevant course on my Resume).
 - Grilling on my Resume (especially the PS-2 Tech Internship).
 - My role in my team, my project, technology used. Questions were also asked on other Non-Tech POR's I had listed.
 - It is expected that you also ask the interviewer decent well thought out questions on the company, their team, your expected role etc.
- Manager Interview 2: Puzzle Question. (It is good to practice from GFG and probability basics). Grilling again on my Resume (this time only the Tech Internship)
- HR Round : Basic questions asked. (Who is in your family, where are you from, where do you see yourself in 5 years)

Sources of Preparation:

- GFG Archives of VMware,
- Basic Resume Prep,
- InterviewBit 40+ Interview questions on DSA, OOP and OS.

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Relevant Courses and Certification:

OOP, OS, DSA

Suggestions / Other Information :

Don't just be prepared with Tech Questions, also be thoroughly prepared with anything Non-Tech on your resume as well as other basic personality questions

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Sector: IT

Name: Sanyam Jain (2018A3PS0372P)

Company: VMware

Company description:

VMware is the leader in virtualisation and cloud infrastructure solutions that enable more than 500,000 enterprise and mid-market customers to thrive in the Cloud Era by simplifying, automating and transforming the way they build, deliver and consume IT. VMware's software offerings span across modern applications, cloud, networking, digital workspace, and security.

Job Profile: Member of Technical Staff

Job Description:

- Create innovative solutions and solve complex problems.
- Take ownership of meaningful, big-picture projects and springboard into an impactful career.
- Interact with industry thought leaders at world-class campuses and enjoy networking, community service, and career development events.

Location of Job: Bengaluru

No. of offers made: 5

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Selection Process

Branches open to: A3, A7, A8 (only CS + circuit branch)

CGPA Criteria: None

Recruitment Procedure:

- The recruitment process consisted of 5 rounds in total.
- Online Coding Round:
 - The coding round was conducted on the HirePro platform. These were 2-3 DSA problems out of a problem bank. I do not remember the exact problems.
 - Be prepared with topics like array, binary search, string, linked list, tree, graph, DP, standard data structures etc. There were some MCQ questions based on CS courses.
- Technical Round - 1 and Technical Round - 2:
 - Due to time constraints, our first and second technical rounds were combined. I had two interviewers in the technical round.
 - First, DSA questions were asked. Discussion around my Internships and role in the project. Some questions about OOP, basics of OS and DBMS.
 - A system design question to design a URL shortener, I was asked to write pseudo code for encoding and decoding methods and explain my approach and its reason.
- Managerial Round:
 - Discussion regarding challenges faced during my internships and how I resolved them. I was provided with a real-life problem scenario in a tech company, and then the manager asked about my approach as SDE to solve the problem.
 - Questions from OOP, DBMS, Data Structures, Hashing. Questions from my Resume related to skills and projects. Discussion regarding conflict resolution, workplace-related scenarios and future plans.
 - In the end, I asked a few questions related to the expectations and responsibilities of a fresh graduate at VMware.
- HR Round: The HR introduced himself and then asked me to introduce myself briefly. The discussion was around standard topics and my overall interview experience so far. I asked some questions related to life at VMware. This round was brief as compared to other rounds.

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Sources of Preparation:

- GFG and Leetcode for practising DSA problems. (Some problems have only articles on GFG, you can solve them on CodingNinjas). I used to give Codeforces contests, to practise competitive programming.
- For other core CS courses refer to BITS course's material and the Internet for more understanding.

Relevant Courses and Certification:

DSA, OOP, DBMS, OS

Suggestions / Other Information:

- Always be ready at least 10 minutes before the interview.
- Don't be nervous if you don't know/remember something during the interview. The interviewer is always helpful and may provide hints to get you in the right direction.
- Practice a few mock interviews with your friends/seniors beforehand to find and improve where you lack.
- Always be clear and thorough with the basic concepts of your courses, projects and internships.
- Think aloud when solving a problem; try to reason for choosing a particular approach. Discuss various trade-offs, time and space complexity.

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Sector: IT

Name: Rakshit Joshi (2017B5A70521P)

Company: Wells Fargo

Job Profile: SDE / Program Associate

Selection Process:

Branches open to: A3, A7, A8 – both single and dual degree

CGPA Criteria: 6 CGPA

Recruitment Procedure:

- Resume Shortlisting: Internal shortlisting was done by the company among the applicants and the test link was sent only to the shortlisted applicants. The shortlisting wasn't too selective though.
- Online Test: It was hosted on AMCAT platform and had a total time limit as well as sectional time limits. There were a total of 3 sections and the first 2 were all MCQs:
 - English: Basic english grammar and vocabulary questions.
 - Business Aptitude: It was a mix of Logical reasoning and Quantitative reasoning questions. We had to answer questions using the graphs and tables using the data provided in the questions. Nothing you need to specifically prepare for.
 - Coding section: There were 2 questions of medium difficulty to be completed in an hour. The questions that I had were:
 - A dynamic programming question on a grid.
 - A question based on trees which you could solve without any tree specific knowledge as well but it was complex to follow with.
 - I was able to solve both questions in the given time.
- Technical Interview:
 - It was held on Zoom and last for about 45 minutes. At first we thought that we would have 2 technical interview rounds, but after the interviews we were informed that both rounds had been condensed into 1 single technical round.

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- I was on a call with two interviewers, and in my experience one of them was asking more technical questions and the other one more managerial sort of questions.
- I was asked a couple of questions based on DSA, one related to in place operations on arrays. And the other one was based on recursion to test my fundamentals. I was asked a few followup questions for both those problems.
- And then there were a few questions related to OOP. Apart from that, the rest of the interview focused on my resume, specifically on my PS2 internship. I was asked about the tech stack that I had used, the way of working in the project, the end to end user journeys of the application, etc.
- I had written about having experience in multiple programming languages in my resume and I was asked about my proficiency level and experience in all those languages. I was asked about my future career aspirations and what I see myself doing as an SDE, and also if I had any plans for higher studies.
- I was also asked in brief about the Data Science as I had several related electives and certifications on my resume. At the end, I was given a logical puzzle to solve which I solved correctly so the interview ended on a great note.
- HR Interview: This wasn't an eliminatory round I believe and was just a formality. I received a phone call from the HR and he asked me a few basic questions related about my education, location, and stuff. Also asked me why I wanted to join Wells Fargo, and if I had any problems in moving to Bangalore/Hyderabad. It lasted for 6 minutes. After this I was informed by the PU that I had been selected for the role.

Sources of Preparation:

- DSA from GFG and Leetcode.
- OS, OOPS, and DBMS concepts from courses as well as a refresher from online sources for interview questions related to those subjects.
- Went through company specific interview experiences using geeksforgeeks archives.

Relevant Courses and Certification:

DSA, OOP, OS, DBMS, anything related to your projects or otherwise is also a plus, I had several electives and certifications related to data science.



Suggestions / Other Information:

- Just make sure you only put stuff in your resume which you can confidently explain/answer to the interviewer.
- During the technical questions in the interview, think out loud when you are in the process of reaching to an answer. Also try to state the assumptions and constraints clearly.

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Sector: IT

Name: Sankalp Nitin Mehadia (2018A3PS0341P)

Company: Wells Fargo

Company description (2-3 lines):

Wells Fargo & Company is an American multinational financial services company with corporate headquarters in San Francisco, California, operational headquarters in Manhattan, and managerial offices throughout the United States and internationally. The company has operations in 35 countries with over 70 million customers globally. It is considered a systemically important financial institution by the Financial Stability Board.

Job Profile: SDE

Job Description:

It starts with you. You will work as part of the EGS technology team. You will interact closely with multiple business and technology partners across Wells Fargo locations. We value and promote diversity and inclusion in every aspect of our business and at every level of our organization.

Location of Job: Bangalore, Hyderabad, Chennai

Exit options: Fintech Banks

No. of offers made: 5

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Selection Process:

1 round of technical interview and HR phone call

Branches open to: Circuit

CGPA Criteria: 7+

Recruitment Procedure:

1 round consisting of technical questions was taken along with a few HR questions.

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Sources of Preparation:

YouTube

Relevant Courses and Certification:

DSA, OS, OOP, DBMS

Suggestions / Other Information:

Being from a fintech background like JP Morgan will give you an edge.

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Sector: IT

Name: Sparsh Jain (2017B5A40892P)

Company: Wells Fargo

Profile: Analyst – Corporate Model Risk

Recruitment Procedure

- **Resume Shortlisting**
- **Online Test:** It had 4 sections: (Moderate Difficulty – time given was critical as compared to number of questions)
 - Verbal- based on grammar, sentence correction and critical reasoning
 - Data Interpretation
 - Quant
 - Coding – 2 questions in 1 Hour (Medium level questions)
- **Technical and HR Interview round** (2 technical rounds followed by one brief HR round)
 - There were 2 technical rounds. The first one was with 3 people from Wells Fargo. While the second one was with a senior manager
 - Both the rounds were focused on Machine Learning. I had several projects and internships in Machine Learning and I was questioned on that.
 - Apart from that, I was asked questions from Statistics and ML based mathematics, Normalization, Regressions, Classification, SVM, K-fold cross validation, clustering techniques, handling a biased dataset.
 - Also asked questions about normal distribution, estimators, heteroscedasticity and various questions related to time series modelling.
 - Both interviews lasted for 40-45 minutes each

Sources of Preparation:

Coding – Codeforces, Leetcode, Interviewbit, Geeks for Geeks.

Courses and Certification:

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- Machine Learning by Stanford University
- Deep Learning Specialization
- Stanford courses – CS 224N, CS229N; Advanced NLP UMass (CS 685); Hugging Face NLP;
- Machine Learning A-Z: Hands-On Python & R In Data Science (Udemy)
- Python for Data Science (IBM)
- Python for Computer Vision with OpenCV and Deep Learning (Udemy)
- FastAI Applied Deep Learning

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Domain:
Mechanical

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Sector: Mechanical

Name: Anmol Khanna (2017B5A40953P)

Company: AB InBev

Company description (2-3 lines):

AB InBev is the largest producer of beer by market share and revenue. Its brands include Budweiser, Corona, Bud Lite etc.

Job Profile: Supply Excellence Trainee

Job Description:

The Supply Excellence Trainee Program is an intensive program where candidates undergo a deep learning into several functions of Supply (Manufacturing) and then take roles in these teams.

Location of Job: PAN India

Exit options: Senior SCM/Operations profiles, MS in Operations and MBA.

No. of offers made: 2

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Selection Process:

Branches open to: A1, A4, AB.

CGPA Criteria: None

Recruitment Procedure:

- The first round was resume shortlisting; 80 students were selected.
- The second round was a test consisting of puzzles, games and aptitude, no core questions. 20 students were selected in this round.
- The third round was GD. We were broken into groups of 7, 7 and 6. The GD consisted of a small introduction followed by 7 mins of discussion on a specific topic (4-week vs 5-week work in my case, Orange is the new black in another group) and 10 second of conclusion (by each student). Finally, 7 students were selected for interviews.
- The first interview was with 2 people, one focusing on HR and another on technical. I was a little rusty on core mechanical concepts and conveyed the same to them, only answered HR questions. 3 students were selected for final HR interview and out of those 2 were given the final offer.



Sector: Mechanical

Name: Sanghati Roy (2018ABTS0472P)

Company: Amazon Operations

Company description (2-3 lines):

Amazon.com, Inc. is an American multinational technology company which focuses on e-commerce, cloud computing, digital streaming, and artificial intelligence. It is one of the Big Five companies in the U.S. information technology industry, along with Google, Apple, Meta, and Microsoft.

Job Profile: Operations Manager

Job Description:

- The operations and supply chain organization is essential for planning, selecting and coordinating suppliers, assessing manufacturability, logistics and much more that is necessary to successfully produce our high-quality devices and ship them efficiently to millions of customers over the long term. We're helping Amazon be the most customer-centric company in the world by developing a scalable, cost-optimized supply chain for delivering devices.
- As part of the operations and supply chain team, you will have the opportunity to work with teams across hardware engineering, product management, sales and more to ensure the successful execution of product launches and ongoing support. As our product range continues to grow, we adapt our capabilities to continually improve Amazon.

Location of Job: Not revealed

Exit options: Not revealed

No. of offers made: They offered a position to 2 students.

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Selection Process

Branches open to: Most BE branches

CGPA Criteria: 6+

Recruitment Procedure:

Resume selection, Test, and 3 rounds of Personal Interviews.

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Sector: Mechanical

Name: Vidushee Geetam (2018A1TS0698P)

Company: Amazon Operations

Company description (2-3 lines):

The Operations and Supply Chain organization at Amazon is critical to planning, supplier selection and coordination, manufacturability, logistics, and much more to ensure that our devices can be successfully manufactured and shipped consistently, efficiently, and in high quality to millions of customers. We support Amazon's mission to be Earth's most customer-centric company by executing a scalable, cost-optimized supply chain to deliver devices.

Job Profile:

Operations Managers are responsible for all budgetary, people development and operations objectives for one functional area of our Fulfillment Center (Inbound, Outbound, Change Ops). Additional responsibilities include managing and leading a team of Area Managers, coaching and mentoring the team to ensure performance objectives are met, building positive employee relations and building leadership bench strength within the Fulfillment Center.

Job Description:

- Drives creation of staffing plans, schedules, quality initiatives, process change initiatives, and other Change/Six Sigma initiatives to enable their Functional Area and ultimately the FC to meet and exceed Business Plan. Sets / clarifies requirements and expectations for Area Managers.
- Measures performance, provides feedback and holds Area Managers accountable for their performance and the performance of their departments.
- Leverages the Operations and Area Managers by sourcing and nurturing ideas, and rolling them into the creation of improvement plans for the functional area

Location of Job: Pan India

Exit options: MBA in future

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No. of offers made: 2

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Selection Process

Branches open to: All B.E. + B.Pharm(except CSE, EEE, ENI)

CGPA Criteria: above 6 CGPA

Recruitment Procedure:

Online Assessment + Three rounds of interview, all assessments behavioral in nature

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Sources of Preparation:

- Links were provided by the company
- General HR questions prep from the internet

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Sector: Mechanical

Name: Aritra Guru (2018A4PS552P)

Company: ExxonMobil

Company description (2-3 lines):

Exxon Mobil Corporation (ExxonMobil), one of the largest publicly traded international energy companies, uses technology and innovation to help meet the world's growing energy needs. ExxonMobil holds an industry-leading inventory of resources, is one of the largest refiners and marketers of petroleum products, and its chemical company is one of the largest in the world.

Job Profile: Graduate Trainee

Job Description:

- Building and maintaining engineering and computational models for our projects and portioning assets around the globe
- Conducting simulation and technical studies, developing technical reports and providing improvement recommendations to businesses
- Monitoring and analyzing reservoir, production and operations data, and providing insights to optimize asset performance with direct influence on operations
- Incorporating Process Safety, Maintenance, Reliability and Integrity best practices enhance life cycle performance of assets
- Delivering projects engineering and management of new and expansion capital projects

Location of Job: Bengaluru

Exit options: MBA, Consulting

No. of offers made: 8

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Sector: Mechanical

Name: Gupta Aman Nitin (2018A4PS0561P)

Company: Hero MotoCorp

Company description (2-3 lines):

Hero MotoCorp has been at the forefront of designing and developing technologically advanced motorcycles and scooters for customers around the world. It became the world's largest two-wheeler manufacturer in 2001, in terms of unit volume sales in a calendar year, and has maintained the coveted title for the past 20 consecutive years.

Job Profile: Graduate Engineer Trainee

Job Description:

GET will be responsible for benchmarking activities of competing brands, visualizing and generating feasible design concepts in 3D/2D, considering weight/cost targets. The GET is responsible for doing the layout and design of chassis systems and ensures proper interfacing with adjoining systems. They also need to maintain tolerances stack resulting in gaps/flush variation on the vehicle. He is responsible for BOM management for Chassis systems and coordinates with supply chain partners for delivery of parts as per quality, cost and time targets.

Design Component:

- Design and 3D modeling of chassis (brake) components.
- Preliminary design and stack up calculations.
- Preparing and checking drawings based on HMCL standards.
- Document and BOM preparation for the projects.
- Coordination with testing and CAE team for design validation.
- Assist in discussion with suppliers and plant team for DFM, DFA etc.

Location of Job: Base Location – Pune/ Jaipur/Delhi

No. of offers made: 3

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Selection Process:

Branches open to: Only A4 (dual degree and dual sem PS2 allowed)

CGPA Criteria: 7+ post PS-2 and 6.5+ prior to PS-2

Recruitment Procedure:

- Online Test, Interviews
- Test had 4 sections:
 - Logical
 - English
 - Reasoning
 - Mechanical
- Technical Interview:
 - The interview started with a brief exchange of introductions. Interviewer based his initial questions regarding my internship and projects.
 - This was followed by few mechanical core questions. Next, few situational based questions which involved technical knowledge were asked. Interviewer emphasized on the approach used to solve the questions.
 - He asked me which software I was familiar with (Solidworks/Fusion/ANSYS). Interview went for half an hour.
- HR + technical Interview:
 - After a brief small talk and introduction, I was asked mixed technical and typical HR related questions.
 - The format or the type of questions which were going to be asked were unknown to me. Interviewers were sectional heads of 2 different roles, hence asked questions based on real scenarios and one was from HR team.
 - For ex, given these 4 tasks, how to multitask them and prioritize them. If a part had failures, what might have been the reason and solutions for the same. Some questions regarding company were also asked.

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Sources of Preparation:

Basics should be clear. For preparation revising the course work should be enough. Even though I did not prepare well enough, my basic understanding being strong helped me a lot. Even if you paid a little bit of attention to your mechanical CDCs, it will be easy.

Relevant Courses and Certification:

Knowledge of CAD software (Fusion 360/ Solidworks)

Suggestions / Other Information:

- Be thorough with projects and internships mentioned in resume.
- Be truthful and don't delay a question by a lot, it is okay to tell if you don't know the answer to any question. Tell them whatever you thought to reach the answer.
- Always try to ask a question when they ask whether you have a question or not at the end.
- Study the company as questions regarding their company may be asked.



Sector: Mechanical

Name: Patil Saurav Sachin (2018A4PS0394P)

Company: Pernod Ricard India

Company description (2-3 lines):

Pernod Ricard is a convivial, responsible, and successful global wine and spirits group. Number 2 worldwide with a clear ambition to become the leader of our sector, we have one of the most comprehensive portfolios of the industry with 240 premium brands available in over 160 countries.

Job Profile: GET - Operations (Manufacturing – Production / Engineering / Maintenance & Supply Chain – Logistics / Purchase)

Job Description:

Independent charge of inventory, scheduling & follow-up of dry goods for the unit.

Location of Job: Pan India

Exit options: MBA in IIM or abroad, switching firms after gaining experience.

No. of offers made: 1



Selection Process

Branches open to: Mechanical, Manufacturing, and Chemical.

CGPA Criteria: More than 6.0

Recruitment Procedure:

- Resume shortlisting, Group Discussion, Technical Interview, HR Interview
- Resume shortlisting - Mostly everyone who applied and had a profile slightly inclining towards the job profile was shortlisted.
- Group Discussion - Groups of 8-10 people were made and given random topics. The other group was given topics like how would you set up a company plant. My group was given some vague topic of what would you do if you are stranded on a deserted island
- Technical Interview -

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- The interview started with a basic introduction from both sides. Then I focused on keeping the interview on my projects and a detailed discussion on three of my projects was done.
- The first discussion was on my gas dynamics and refrigeration project where lots of technical cross-questions were asked.
- The third project was based on the Supply chain role so it took most of the time. The project was based on the business and supply chain model of Toyota company so the questions included how I would implement the Toyota business model in Pernod Ricard, what difficulties I would face and how to tackle those.
- Basically properly revise your projects and be ready for any questions related to them.
- Next, they came to my resume and asked questions about it, such as why is my career going back and forth switching tracks from core research to data science to again applying for operations/supply chain jobs.
- You can expect such slightly HR-based questions in the technical round as well, be ready for anything.
- At last, a small discussion about my POR was done and how things I learned there would help in this job.
- HR Interview - Was like any usual HR round with generic questions like strengths, workplace situations, where do you see yourself, etc. Discussion about future MS or MBA plans was done. Nothing tricky asked and was a pretty easy round.

Sources of Preparation:

SCM, Optimization course notes, revision of projects done by you by going through the reports and research papers, and random YouTube videos to learn a few topics.

Relevant Courses and Certification:

Supply Chain Management, Optimization, Lean Manufacturing, Lean Six Sigma White Belt (Free). The last one is not that necessary but could add a bit of value given the job description.

Suggestions / Other Information:

- Be good with resume preparation.

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- Focus on projects done by you and brush up on background knowledge of those project topics.
- HR round should be natural and honest.

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Sector: Mechanical

Name: Riya Ramabhadran (2017B2A40990P)

Company: Schlumberger

Company description (2-3 lines):

It's a technology company that partners with customers to access energy. They are an energy services and equipment supplier to some of the global leaders in the energy domain. They are in the oil and gas sector, spread across 120 countries with focus on designing, developing and delivering technologies that transform how the work is done. Overall they create technology that unlocks access to energy for the benefit of all. They specialize in reservoir characterisation, drilling, production and processing and offer the most comprehensive range of products and services in the industry.

Job Profile: Field Engineer

Job Description:

As a field engineer, the job covers the entire chain of activities from helping acquire essential data to long term well development planning. To organise, report and run operations in the field environment and assist other specialists in key decisions. A lot of hand-on training and activities with advanced tools and machinery pertaining to the industry.

- Perform operations, operate equipment and be accountable for team well site performance
- manage field ops, engineering design, maintenance, job planning, operational reporting
- Learn the well construction process, understand the role of different service companies
- Perform risk analysis to aid other specialists in decision making
- Effectively manage crew and/or processes within an year

Skill set preferred:

- Good verbal and written communication (English is a must, any other language is a bonus)
- Logical problem solving ability
- Strive to grow personally and in a team environment
- Evidence of leadership and teamwork skills

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Location of Job: Can be posted anywhere in the world based on requirement

Exit options: MBA in foreign universities (Intl work experience), growth in energy sector - Renewables

No. of offers made: 7

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Selection Process:

Branches open to: All BE and Dual except CS

CGPA Criteria: None, no backlogs though

Recruitment Procedure:

Resume shortlisting -> One round of Group Discussion followed by shortlisted candidates appearing for one round of interview

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Sources of Preparation:

Being thorough with resume based questions, on projects, experiences, extra curriculars etc. Basic HR questions pertaining to the company. Some logic based questions. They look for presence of mind. Also creativity.

Relevant Courses and Certification:

No specific courses as such. Just have an idea of basic operations

Suggestions / Other Information :

- Be thorough with your resume, that's their main area of focus.
- Needless to say, be polite with panel, sound natural
- Don't worry about too many technical questions, they won't ask you those!



Sector: Mechanical

Name: Shalvi Shukla (2017B2A40590P)

Company: Schlumberger

Company description (2-3 lines):

Schlumberger is a technology company that partners with customers to access energy. It specializes in reservoir characterization, drilling, production, and processing and offers the most comprehensive range of products and services in the industry.

Job Profile: Field Engineer

Job Description:

As a Field Engineer, you'll be involved in every part of the business. From helping acquire essential data to planning long-term well development, you'll organize, run, and report operations in the field environment and assist specialists and other Engineers with key decisions. Your training will be hands-on as you learn about the energy industry and become an expert in the various tools and services in your business line.

Location of Job: Pan India

No. of offers made: 7

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Selection Process

Branches open to: All

CGPA Criteria: Above 6 CGPA

Recruitment Procedure:

- First round was the resume shortlisting round, after which students were shortlisted for the Group Discussion round.
- The GD round was held in groups of 10, with a duration of 40 min per group. The topic presented to our group was 'Roots and Wings'. All the students were expected to present a unique and original point of view on the topic.
- 13 students were selected after the GD round for the final interview. Only one round of interview was held, it was entirely resume-based, with some HR questions to gauge the personality of the candidates.

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Sources of Preparation:

No extra preparation is required

Suggestions / Other Information:

Be confident and thorough with your resume as it is the only thing asked in the interview.

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Sector: Mechanical

Name: Yogyata Somani (2017B3A40595P)

Company: Schlumberger

Company description (2-3 lines):

Schlumberger is a technology company that partners with customers to access energy. They are providing leading digital solutions, and deploying innovative technologies to enable performance and sustainability for the global energy industry. They specialize in reservoir characterization, drilling, production, and processing and offer the most comprehensive range of products and services in the industry.

Job Profile: Field Engineer

Job Description:

- Perform operations, operate equipment, and be accountable for team wellsite performance, by the end of your training
- Manage field operations, including engineering design, maintenance, job planning, and operational reporting
- Learn the well construction process and understand the role of different service companies
- Support engineers and specialists on-site and help with essential duties, such as risk analysis
- Effectively manage a crew and/or processes within a year
- Help prepare wellsite reports and post-job debriefings
- Actively contribute to continuous improvement culture—across the business

Location of Job: Not Available (posted in different remote locations of the world)

Exit options: Not really limited. Can pursue MBA and Consulting or core engineering jobs

No. of offers made: 7

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Selection Process

Branches open to: A1, A2, A3, A4, A8, AB (Single or Dual)

CGPA Criteria: 6.00

Recruitment Procedure:

- Resume Shortlisting > Group Discussion > Interview
- Group Discussion: Various abstract GD topics like 'Roots & Wings', 'Inside Out' and 'Upside Down'
- Interview: One round of interview with a 5-6 member panel. Mostly based on your resume, thoroughly revise your projects, internships, PORs etc. Also, basic questions on your motivation, leadership abilities, and scenario-based questions to understand how you'd react when in a challenging situation.

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Sources of Preparation:

Very important to have a clear understanding of the JD and what the company does (go over the website). Revise your resume thoroughly, you should be able to describe your projects, answer questions related to it. Important to remember all key leadership roles you have played and the impact you created.

Relevant Courses and Certification:

No subjects and certifications required as such. Basic understanding of your core subjects and supply chain management etc. can help answer questions better.

Suggestions / Other Information:

- Revise resume thoroughly (can't emphasise this enough)
- Be confident and have an open mind during the GD especially
- Always ask good questions after the interview
- You should know how to introduce yourself, answer basic questions. Prepare for these before the interview and write points for each to remember what all you'd definitely want to mention.



Sector: Mechanical

Name: Rahil Parag Sheth (2018A4PS0590P)

Company: VVF India Ltd.

Company description (2-3 lines):

VVF Ltd. was founded in 1939 by Godrej Pallonji Joshi in Bombay, India. During the early years, VVF manufactured Vegetable Ghee, commonly known as 'Vanaspati' in India. Today VVF has three main business verticals, Contract Manufacturing, Consumer Products and Oleochemicals. VVF is the world's largest contract manufacturer of bar soaps, with a production capacity of approximately 300,000 metric tonnes annually.

Job Profile: Engineering Management Trainee

Job Description:

- Driving cost cutting projects
- Analysing costs incurred and driving projects to enable cost reduction
- Driving automation projects to improve productivity
- Conducting technical discussions with vendors to channel procurement of equipment
- Using RCA tools to analyse everyday losses, chronic issues, and Breakdowns
- Implementing effective CAPA and training operations teams to eliminate the problem permanently
- Giving inputs to operations team on effective production plan based on machine suitability & manpower optimisation
- The Key performance indicators (KPI) of any plant are OEE, yield, quality & productivity. One of the key responsibilities of this role is to drive the OEE, yield, quality, and productivity parameters. The role must function as a compass for the operations team in channelling the growth in these 4 KPIs
- Establishing good rapport with the workforce to drive change in each stratum of the plant

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Location of Job: Daman / Baddi

Exit options: MBA / MIM

No. of offers made: 1

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Selection Process:

Branches open to: B.E. Mechanical Engineering

CGPA Criteria: None

Recruitment Procedure:

- Resume shortlisting, online test, 4 interview rounds
- *Interview 1 (1 hour 30 minutes):* Resume based questions followed by almost an hour of only core questions (refrigeration, boilers, heat transfer, heat exchangers, pumps especially important). Last 15 minutes of HR questions (are you a team player? Give examples)
- *Interview 2 (50 minutes):* HR questions, job profile related questions (would you like it, why this job etc)
- *Interview 3 (40 minutes):* More core questions (about work done in internships), leadership and teamwork related questions (you're the captain of a team which lost a match, how will you tackle the team after the loss)
- *Interview 4 (30 minutes):* General discussion about the job and the company, a few HR questions

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Sources of Preparation:

Go through interview questions for all core courses, know your resume inside out (go through your final presentations of all your internships; findings, contributions, problems faced during internship were asked)

Relevant Courses and Certification:

- Mechanics of Solids
- Fluid Mechanics
- Material Sciences
- Thermodynamics
- IC Engines
- Heat Transfer
- Prime Movers and Fluid Machines
- Optimisation
- Mechanical Vibrations

Suggestions / Other Information:

Be thorough in studying your resume, be candid in your HR interviews, study basic concepts of core courses well

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BITS Pilani
Pilani Campus

Domain:

Product Management

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Sector: Product

Name: Utkarsh Awasthi (2017B1A40423P)

Company: Adloid (Metadome)

Company description (2-3 lines): Metaverse marketing

Job Profile: Associate Product Manager

Location of Job: Gurugram

No. of offers made: 1

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Selection Process

Branches open to: All

Recruitment Procedure:

- No Deck submission, students were called directly to the interview after resume shortlisting (read CG filtering).
- 3 rounds of interview were conducted, all focusing on standard product questions: Case studies, favourite product, how would you integrate a financial app with Whatsapp, guesstimate, knowledge about metaverse, product life cycle, and guesstimate.
- Round 1: Interview with PM, Case studies and product life cycle was asked.
- Round 2: Interview with CoS at CEO's office, questions about metaverse, and its understanding
- Round 3: Interview with CEO, asked 3 guesstimates in one hour.
- Don't lose your confidence, communicate clearly and often, and go with the flow like you are having a conversation rather than an interview.
- PS: Sell how you are interested in the metaverse, the opportunities available, and what your vision for the metaverse looks like.

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Sources of Preparation:

- **Cracking the PM Interview (Gayle, Bavario) : MUST READ, I practiced and designed all the frameworks for the answers from it.** Right from the introduction to how to answer questions like favourite product, guesstimates, case studies, etc. are given in that book. Read the relevant sections and create your own answers on the lines of the examples given.
- **Youtube Videos: CIC,** random videos on guesstimates and case studies (try to make notes from here if you wish, but reading from books suits me better).

Suggestions / Other Information:

- Attend a couple of free bootcamps and seminars organised by various institutes (eg. Product School) to get information about product life cycle, but most of the content is repeated everywhere (for example What is a PM etc).
- Improve your communication skills, and try to practice with your friends, and don't feel dejected by rejections. Learn from your mistakes and find out where you went wrong whenever you are eliminated from a round. Prepare your answers based on the examples provided and you are good to go.



Sector: Product

Name: Siddhi Arora (2018D2TS1176P)

Company: AU Small Finance bank

Company description:

AU Small Finance Bank serves low- and middle-income individuals and micro and small businesses that have limited or no access to formal banking and finance channels. The Bank offers loans, deposits and payment products and services.

Job Profile: Product manager (PM)

Job Description:

- Understand life cycle of consumer and digital banking products and layout continuous enhancement of AU Bank's Mobile, Internet Banking other digital properties along with other product managers.
- Ability to devise strategies for digital transformations across multi-functional domains like liabilities, lending, insurance, investments, payments etc.
- Manage documentation and implementation of new product features, improvisation of existing ones with specs, wireframes, and product flows.
- Manage team of app developers and testers for varied digital platforms of bank
- Devise user engagement and retention strategies through analytics related to user behavior & customers' adoption to digital platforms
- Collaborate with business, marketing engineering, architecture and CX design, external vendor teams to balance innovation vision with practical implementation

Location of Job: Jaipur/ Mumbai (Other locations are yet to be disclosed)

Exit options: Entrepreneur, Consultant, Venture capitalist and MBA

No. of offers made: 1

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Selection Process:

Branches open to: Open for all branches

CGPA Criteria: None

Recruitment Procedure:

- Application/resume shortlisting
- Two Interview rounds
- First round:
 - Mostly based on resumes and questions can be expected with a few probability-based small cases/problem statements.
 - They'll be constantly noticing your decision-making skills and strategic management.
 - This interview will focus on your knowledge about product management and familiarity with digital journeys of banking products like asset, liabilities, payments, lifestyle products etc.
- Second round:
 - Can be expected to have case studies/guesstimates (can be related to the firm itself).
 - This round will also revolve around your knowledge of market research, and ability to manage product owners, developers, testing teams and other stakeholders.
 - This interview will focus on how you navigate solutions from the issues and what metrics are you considering before rolling out a product or secondary features.
- In either of these interviews, they can test your analytical skills, and familiarity with data visualization tools such as SAS/SQL/R or Python/Power BI/tableau.
- Offer

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Sources of Preparation:

- Books:
 - Cracking the PM interview by Gayle Laakmann McDowell, Jackie Bavaro
 - Case interview cracked by Sankalp Kelshikar, Saransh Garg
 - The product book by Josh Anon
- Youtube Channels:
 - PM School
 - Dante & itzel careers in Tech
 - Stanfordonline
- Practice case studies and famous puzzles

Relevant Courses and Certification:

Operations management, Strategic management, Probability and statistics, New Venture and Capital, Business communication, Product planning and control(Not compulsory)

Suggestions / Other Information:

Practice as many case studies as possible. And if you are applying for a firm in a certain industry, make sure to read about the other firms in that industry and what techniques and strategies they have followed to attain growth.



Sector: Product

Name: Prakhar Mittal (2017B5A20937P)

Company: Axis Bank

Company description (2-3 lines):

Axis Bank is the third largest private sector bank in India. The Bank offers the entire spectrum of financial services to customer segments covering Large and Mid-Corporates, MSME, Agriculture and Retail Businesses.

Job Profile: Digital Banking Product Owner

Job Description:

The product owner role is responsible for helping develop and deliver the product and customer experience vision. In doing so, the product owner needs to operate across the end to end spectrum for delivery – voice of customer, industry trends, strategic imperatives, etc. The product owner is also responsible for delivery of business outcomes from the product / proposition by working closely with cross-functional pods constructed for the project.

Location of Job: Mumbai

Exit options: MBA, Start-up

No. of offers made: 2

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Selection Process

Branches open to: All

CGPA Criteria: NA

Recruitment Procedure:

- Test (Psychometric + General Aptitude)
- Resume Shortlisting
- Interview Round 1
- Interview Round 2

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Sector: Product

Name: Akshat Bhatnagar (2018B3PS1156P)

Company: FirstCry

Company description (2-3 lines):

FirstCry is an Indian e-commerce company, headquartered in Pune. The company, launched in 2010, initially focused on baby products retailing. In January 2020, the company had over 380 stores across India. FirstCry opened its first outlet in Srinagar in May 2019. It is into its series E round of financing

Job Profile: Graduate Trainee (APM)

Job Description:

- Management Trainee/Graduate Trainee will work closely with firstcry.com Marketing/Business teams, QA team, Product team, Design team & Technology team to manage/enhance the features that define the users purchase journey and the overall experience on Firstcry
- Assist the Sr. PM to develop a product strategy & roadmaps and drive product enhancements
- Market research and studying industry innovations to improve the existing product
- Document detailed requirements for the design & technology teams
- Detailing out new product features – from conceptualizing, to developing the business case to detailing out the detailed functionality
- Building interactions and experience as reference points as well as feedback from internal teams
- Understanding of online marketing concepts to improve retention, engagement & ROI of Firstcry business verticals
- Reviewing data on a weekly basis (traffic, search etc) and identifying areas for improvement
- Helping internal business verticals in quicker onboarding & providing knowledge transfer on the product features

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Location of Job: Pune

Exit options: MBA, Switch to other PM jobs.

No. of offers made: 1

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Selection Process:

Branches open to: Msc. Dual and Single Degree and B.Pharm

CGPA Criteria: 5 CGPA

Recruitment Procedure:

- Resume Shortlisting, Interview
- Interview Process had 2 rounds. Questions based on resume, internship experience and case studies were asked.
- Research about the company background will be an added plus.

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Sources of Preparation:

Case in Point

Suggestions / Other Information :

This is a fit-based role and they stress upon good communication and logical and structured thinking.

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Sector: Product

Name: Rohan Anand (2018A3PS0334P)

Company: Flipkart

Company description (2-3 lines):

Flipkart is an e-commerce company that is committed to transforming commerce in India through investments in made-in-India technology innovations, customer-centric constructs, a diverse category landscape and a world-class supply chain. It is a part of the Walmart-owned Flipkart Group, which also includes group companies Flipkart Wholesale, Myntra, and Cleartrip.

Job Profile: Associate Product Manager I

Job Description:

APM Program- Two-year rotation program comprised of two 1-year rotations in different product teams. Complemented with learning through business and design bootcamps, monthly education seminars, 1:1 coaching and mentoring by the topmost executives of the company. Upon graduation at the end of two years, APMs become PMs in the product organization.

Work- The job requires APMs to work with the company's engineers, designers, product marketers, business executives and customers to imagine, design, build and launch things for people. To figure out where the world is headed and get there right in time (or a little early) to help guide the flagship and newer products strategy and vision.

Location of Job: Bangalore

Exit options: Entrepreneurship, Venture Capital

No. of offers made: 4 (across all three campuses)

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: None

Recruitment Procedure:

- **Deck Submission-** A product deck (presentation) is submitted, which is based on a problem statement given by the company. Instructions along with the problem statement are given to help guide the applicants on how to proceed. The deck is of six slides and candidates are given approximately 2-3 weeks to complete it.
- **Buddy Round-** Shortlisted candidates (30ish) then have buddy sessions with current APMs of the company. These sessions include individual mock interviews as well as group sessions to better prepare the candidates. We had about 3-4 weeks before the interviews took place and this period was mainly used to practice for the interviews.
- **Interviews-** There were three interviews spread over two days, each interview round was eliminatory and lasted around 45 mins to an hour. All the rounds mainly comprised of technical questions, though HR based questions were also a part of the process. The technical questions revolved around guesstimates, root cause analysis, product design and metrics.

Sources of Preparation:

- **Product-related books-** Decode and Conquer, Cracking the PM Interview, Preparing for Product Interviews, Swipe to Unlock are a few of them.
- **Mock interviews with buddies, other shortlisted candidates and friends.** Practising is key to cracking the interviews and cannot be substituted.
- **Youtube channels like Product School, Exponent etc.** can help to give a different perspective and show new approaches.

Suggestions / Other Information :

It is completely alright if one doesn't have any prior experience in product management. The buddy sessions are set up keeping this in mind only

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Sector: Product

Name: Riddhi Arora (2018B2TS1169P)

Company: FreeCharge

Company description (2-3 lines):

Freecharge is an Indian financial services company based in Gurgaon. It allows users to pay bills such as electricity, gas and telephone, as well as recharge mobile, broadband, DTH and metro cards. In addition, it enables the users to invest in mutual funds and get credit through Freecharge EMI.

Job Profile: Technical Product Manager

Job Description:

Responsibilities:

- Responsibilities will include understanding requirements, helping to define a product vision and strategy, and working with world-class engineers to execute it. Assume ownership of products including defining scope and developing requirements for new and advanced products as well as upgrades and progressive releases for existing products
- Conceptualize and build innovative Financial Products in Lending for platform users. Most of the products are being developed for the first time in India
- Proven ability to work in cross-functional environments including sales, marketing, business management, customer support and engineering teams
- Track record of successful collaboration with a product development team or organization.

Skills Required:

- Strong consumer internet related Product Management background preferably in eCommerce / Technology /Fintech / Banking industry.
- Extra-ordinary skills in crisis management, interpersonal communication, collaboration and teamwork.

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- Master of multiple tasking. Takes on initiatives and challenges

Location of Job: Mumbai

Exit options: MBA in IIM

No. of offers made: 1

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Selection Process

Branches open to: Open for all branches

CGPA Criteria: None

Recruitment Procedure:

- Application/resume shortlisting
- One interview round
- First round is mostly based on resumes and random Product management questions are asked.
- Practicing problem solving based questions(Root cause analysis & Approach design questions) is a must.
- Exercising guesstimates (estimation based questions) and knowledge of basic excel is helpful.

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Sources of Preparation:

- Youtube Channels:
- PM School
- Dante & itzel| careers in Tech
- . Stanfordonline

Relevant Courses and Certification:

Probability and statistics, Principle of Economics, Database Management Systems, OOP and OS

Suggestions / Other Information :

Start observing things (apps/websites) around you. Look for the problems the consumer might face and think of the approaches one can use to resolve. They are looking for a person who is ready for taking challenges and has a determined mind.

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Sector: Product

Name: Rudhir Mehra (2018A4PS0523P)

Company: Groww

Company description (2-3 lines):

Groww is a series E funded startup based in India and currently valued at INR \$3 Billion (as of early 2022). The ethos of Groww is to make financial markets, literacy and products more accessible to Indians in a simplified fashion. Groww offers investment avenues via its Groww app in mutual funds, stocks, IPOs, ETFs and a host of other instruments. It is also venturing into the neo-banking space and who knows might venture into Web3/Crypto as well someday!

Job Profile: Associate Product Manager

Job Description:

As mentioned in the JD of the company:-

APMs push the boundaries within the company to build what our users love. The APM program will expose APMs to all functions of the company and to all the broad disciplines of business, marketing, product development, brand, and engineering. APMs are responsible for building products that delight millions of users everyday while working with cross-functional teams. APM role involves identifying and solving some key problems that our customers may face.

Key requirements: Strong consumer empathy, problem-solving skills, ability to coordinate with multiple stakeholders, strong product sense.

Location of Job: Bangalore

Exit options: The APM culture in India is relatively newer and hence we are yet to set a convention of the kind of typical exits an APM may get. Since APM is also a deep generalist role and involves good ownership of the problem statement, in due time the exits should be similar to what one might expect from consulting. However, majority people who are in APM roles exit to other PM/SPM roles in different companies. Multiple PMs in the past have built their own startups as well. PMs in good orgs have also gone on to take up positions in VCs and Founder Office roles at other places. High impact PMs have also gone on to pursue MBAs from top colleges globally.

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BITS Pilani
Pilani Campus

No. of offers made: 2

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: None

Recruitment Procedure:

- Online PPT, Deck Submission, 3 Rounds of interview
- **Deck Submission:**
 - This round involved making a 5 page document/deck on the topic- “Build a Personal Finance Management App for Gen-Z”. The candidates were assessed on the depth of thinking, understanding of the space, the ability to be able to present a good deck and the overall content of the idea being proposed.
 - The deck submissions ranged from ideas such as a financial literacy app, to savings app, to insurance for Gen-Z to social investment apps etc. Some 350 entries were sent from every campus and roughly 20 students from each campus were shortlisted for the interview rounds.
 - Brownie points for proposing unique but relevant ideas with very logical thought process why this solution over others. Prioritisation should be clearly reflected in the deck.
- **Technical Interview 1:** This interview was a product case study round. I was given an RCA based on the metric- “Successful Ride Completion %” of Uber going down and we had to identify the root cause for the same. Questions varied from RCA to product thinking in this case depending on the students. This was an elimination round. Round last for 30 mins- started at about 10 AM in the morning.
- **Technical Interview 2:**
 - This interview was also similar to the previous one where we had to solve a case study and this was also an elimination round. Happened straight after my previous interview with a 5 mins break in between.
 - My problem statement here was a pricing + product launch case- “How would you go about pricing a pair of ultra-efficient sneakers- where all tasks end up being 10x more efficient through these sneakers such as jumping, running etc.”
 - Again the idea was to get the objective behind pricing, vision of the company, what customer segments can we pick up, how would we prioritise pain points for the

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users, which pain points to solve (keeping objective in mind) and finally what method and strategy of pricing will we use.

- **Technical Interview 3:**

- This was a Product + Fit + Brainstorming round to check creativity, personality and discuss more about my motivation to become a PM. The Product Case study here was based on my Flipkart APM Pitch Deck and I was grilled on my solution- had to defend my ideas and the operational design which I had suggested for a Subscription Sharing App for Flipkart.
- Next we moved on to talk about a case where Swiggy's Subscription Model was seeing a drop in customers and the interviewer asked me to come up with a method to dissect the entire situation.
- The last question was about fit, my resume + ambition to join Groww. Questions included- Why PM, Why not strategy consulting based on my profile, kind of experiences with Groww app- I didn't have any here, one feature that I like on Groww and why.
- Post these rounds I got a call from the HR asking about my experience interviewing with the firm and confirming the final offer.

Sources of Preparation:

- I believe for any non-core role, case prep is extremely important. What is also important is to have a proper case group to practise cases. I had prepared for consulting interviews in a group of 3 starting from August of 2021. We spent 40 days (with roughly 3 hours of prep each day) going over cases through 4 books-
 - Day 1.0
 - Case Interviews Cracked
 - IIM A/B Case books
 - Few cases from ISB Case book
- Post that for deck making I would really recommend taking part in case competitions, product tear downs, innovation challenges etc. These shall help you get comfortable with the idea of deck building. In general try to increment your startup knowledge by reading newsletters such as AJVC, The Ken, Yourstory, Inc42, TechCrunch. They also help you get to know of the latest happenings in the innovation space.
- For Product Preparation I spent about 20 days of prep in October. Books that I used here were:
 - Decode and Conquer (as reading material to go through the theory + examples)
 - Preparing for Product Interviews (to practise mock cases)

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- Swipe to Unlock (to gain more understanding of tech)

Relevant Courses and Certification:

None that I know of in BITS. Courses in SQL and Product Analytics may come in handy to get brownie points (check out courses by TPF), courses in design from Udemy that may help you get up to speed with Figma can be used in deck building, general knowledge about startups is good to have for such product cases as it helps in being creative.

Suggestions / Other Information :

- Barring generic advice the one point that always helped me was the idea of differentiating yourself from the crowd and coming up with a unique proposition at all times. Be it in the decks you submit, the frameworks you use or the resume you build being able to stand out really helps at all instances!
- It is also very important to make sure that through the entire placement season and even during interviews you keep up your calm. A lot of interviews are pressure tests in disguise, don't get unnerved or lose your heart. Virtual interviews helped my friend Rohan be on call with me in between the interviews. Do have a friend you can trust. Placements in general end up being a bit of a gamble at the end of the day, make sure you work hard enough to convert all the luck in your favour for the D-Day.

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Sector: Product

Name: Saksham Srivastava (2018A8PS0439P)

Company: HDFC Ergo

Company description (2-3 lines):

HDFC ERGO is a 51:49 joint venture firm between HDFC and ERGO International AG, one of the insurance entities of the Munich Re Group in Germany operating in the insurance field under the BFSI sector. The company offers products in the retail, corporate and rural sectors.

Job Profile: Product Manager

Job Description: Developing a new digital product for HDFC Ergo.

Location of Job: Mumbai

No. of offers made: 4

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Selection Process:

Branches open to: No branch/CG criteria.

CGPA Criteria: None.

Recruitment Procedure:

- Campus recruitment (Pre Day 2)
- The following were the steps. All these steps took place on a single day (17th January 2022):
 - Pre-Placement Talk
 - GD round.
 - 3 Round of interviews.
 - Offer.



Sources of Preparation:

- IIM A casebooks.
- PM School.
- The Product Folks.
- Crack PM interviews

Suggestions / Other Information:

Product internships are preferred.

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Sector: Product

Name: Paryul Jain (2018A7PS0279P)

Company: Healthplix Technologies Pvt. Ltd.

Company description (2-3 lines):

Healthplix's software is developed to help doctors simplify their workflow, write reports faster and improve efficiency. They want the users(doctors) to spend as much time as possible with patients and less time on accounting or notes, paperwork etc. It is India's largest and most trusted EMR platform for doctors.

Job Profile: Associate Product Manager (APM)

Location of Job: Bangalore, IN

Exit options: Starting something of your own, MBA, PMs wear a lot of hats so roles in other verticals as well

No. of offers made: 2

Selection Process:

Branches open to: All

CGPA Criteria: None

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Recruitment Procedure:

The selection procedure was of 4 rounds :

- **Resume Shortlisting** - Basic resume shortlisting. (I think having a previous product intern helped)
- **Technical round 1** - The round was with a Product manager. Favourite product question, leading to how you can use your favourite product's USPs in any other segment(for eg. how would you leverage Spotify's recommendation algorithm in any food delivering app etc), and then based on this a complete product design question, some questions on the resume as well.
- **Technical Round 2** - It was with a Product person from the leadership team. He asked me to pick a random problem that I recently faced either in college or home and then we attempted a Product Design question. Be sure to come up with good reasons why you want to solve this problem.
- **HR round/ CXO round** - The round or interaction was with a CXO and was pretty small, lasted around 20 minutes. It was more like a general conversation to judge the overall personality of a candidate. A few questions on the resume and past work experiences, a few Hr questions like what qualities does a PM require and what are your strengths which would help you as a PM, why product even though your branch is CS and why not code? Be Sure of the things you're writing in your resume, you should be able to justify everything.

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Sector: Product

Name: Tehsin Abdulrahim Sherasiya (2018A7PS0207U)

Company: Hello Verify

Company description (2-3 lines):

Helloverify provides a proprietary web-based onboarding portal where all applicants can fill the information remotely. No need for in person contact or manual intervention to follow up with applicants to submit the documents. The technology platform will trigger auto reminders by SMS and Email to remind the applicant to complete the process.

Job Profile: Software Developer

Job Description:

B.E. role:

- Work in an Agile environment, adopt to obstacle culture and team first attitude
- Excellent understanding of all the application tiers [Front End (HTML 5, Bootstrap, Angular/React etc)
- Backend (Python, Java, Javascript, with frameworks such as Django, Flask, Spring, Node.js etc); Database (MSSQL, mysql etc)] and integrations/interfaces (EAI, batch etc)

Skill Set:

- Strong research mindset.
- Good knowledge of quality standards, legislation and best practices
- Good planning, analytical and problem solving and presentation skills
- Strong interpersonal skills including ability to articulate ideas to both technical and non-technical audiences
- Should be able to work in a fast paced start-up environment, with ability to handle multiple projects and cross functional teams working on diverse technology stacks.

Location of Job: Noida

Exit options: Work as an AI Developer after gaining experience in an AI based company.

No. of offers made: 1

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Selection Process

Branches open to: B.E. and M.Sc

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting, Interview
- The interview round consisted of an HR and technical round. I was also asked about the courses and assignments I had undertaken.

Sources of Preparation:

Being thorough with resume basic HR questions preparation. Make sure to know the basics of AI and ML. Go through whatever projects you've done.

Suggestions / Other Information:

- Be good with resume preparation.
- Be logical while answering and HR should be natural.
- Have good practice of AI basics.

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Sector: Product

Name: Sarthak Agrawal (2018A7PS0170P)

Company: INDmoney

Company description:

It is a three-year old fintech startup aiming to disrupt the financial advisory & neobanking market in India. INDmoney positions itself as the neobank for high-earning Indian families. The app helps users track all their money, and save and earn more by recommending changes in money management.

Job Profile: Associate Product Manager

Job Description:

In simple words, the APM is responsible for making certain numbers go up. These numbers can be metrics related to a specific feature in the app, or overall retention/growth/activation metrics. This involves iterating on existing features and coming up with new ones. Hence, this role requires a good understanding of analytics, product-thinking, customer empathy, and basics of UX design.

- You will be working directly with the lead PM on a product, and will usually be put in charge of certain metrics from Day 1
- You will be working closely with designers, developers, and business analysts to drive decision making, managing stakeholders and making sure the team is aligned and executes the roadmap in time
- Some of the key skills required are product thinking, basic knowledge of SQL (for product analytics), Figma (for UI design), wireframing.

Location of Job: Bangalore or Gurgaon

Exit options: The career ladder for this role leads up to CXO roles like Chief Product Officer. Exit options include MBA & Venture Capital.

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No. of offers made: 1

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Selection Process

Branches open to: All

CGPA Criteria: No cut off

Recruitment Procedure:

- This is a PPO based on the performance in PS-2.
- I was asked to prepare a work summary in the last month of PS-2, and present it to my skip-level manager. After the presentation, I had an interview with him. The PPO result was announced two weeks after that.
- Interview : Resume review, questions about the fintech industry and company strategy, some situation-based questions (like “what would you do if X happened during product development”).

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Sector: Product

Name: Shashwat Singh (2018A4PS0749P)

Company: Meesho

Company description (2-3 lines):

- Meesho is India's fastest-growing internet commerce company and it aims to make eCommerce accessible to all.
- Its vision is to enable 100 million small businesses in India, including individual entrepreneurs, to succeed online.
- Its mission is to democratize internet commerce by bringing a range of products & new customers online. What started, six years ago, as a reseller-focused platform enabling millions to sell online, has now emerged as a single ecosystem connecting sellers, to consumers and entrepreneurs.
- Till date the company has delivered orders from 100K+ registered suppliers to over 27,000 pin codes in more than 5,000 cities and towns and generated over 500+ crores in income for individual entrepreneurs and customers in more than 4,500 Tier 2+ cities — truly bringing e-commerce to 'Bharat'.
- In 2021 the company raised \$570 million led by Fidelity Management And Research Company, B Capital Group, Footpath Ventures, Trifecta Capital, and others. Existing investors SoftBank Vision Fund 2, Prosus Ventures, and Facebook have also participated in this round. This latest round brings its valuation to \$4.9 billion.

Job Profile: Product Analyst

Job Description:

- Work closely with the Product Manager to build growth solutions for Meesho
- Deep dive into qualitative and quantitative data to come up with key insights to scale our growth initiatives
- Wear multiple hats and support the team with data analytics, internal stakeholder management, user research and creative ideas
- Good to have skills:
 - Proficiency in SQL (individual contributor role)

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- Knowledge of basic concepts of statistics and their application in product analytics.
- Data-driven, structured problem solver, with excellent communication skills.
- Empathy for the customer and hunger to scale
- Aspiration to grow deep into a product role and eventually own product verticals
- Experience in Product, Analytics, Growth roles (not a mandatory skill)

Location of Job: Bangalore

Exit options: Product Management, MBA

No. of offers made: 3 in PA

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Selection Process

Branches open to: All B.E., M.Sc. and B.Pharm

CGPA Criteria: 6.0

Recruitment Procedure:

- Resume shortlisting, Case study submission, Technical interview, Behavioral/HR interview
- The first round was resume submission and resume shortlisting. There wasn't much clarity for the basis for resume shortlisting. It wasn't based on CGPA or product experiences. Was more of an inclination for a strong and well-built resume.
- The second round was a product case study - to increase the DCO (Daily Customer Order of Swiggy by 10x in 12 months). You can find my deck here:
https://drive.google.com/file/d/1K_lyzo-7QGF-mI3nz2xqrtgZvHiSaCCl/view?usp=sharing
- 5 students were shortlisted for Technical interview and 3 for Behavioral interview
- Technical interview consisted of a few introductory questions, focus and grilling on the deck made, then a few more product related questions, for example: I was asked how would I improve the time taken between customer order and order delivery.
- Behavioral/HR interview mainly focused on how you are different from other candidates, what you would do differently to learn things, how you will tackle work hurdles, tell me about yourself, etc.

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Sources of Preparation:

- I joined a product management bootcamp to prepare the concepts of PM. It helped me a lot to get the learning material in one place. Additional preparation always becomes easy when the notes of basics are ready.
- Exponent, PM School, Product School - PAC Certification, and PM exercises helped me in my preparation.

Relevant Courses and Certification:

- Product Analytics Certification by Product School
- You should be fluent with advanced SQL (basics at least)

Suggestions / Other Information:

- Be confident of why you want to move into Product and know what's on your resume and why.
- Talk to seniors beforehand or get to know what the process is like from someone who has recently interviewed for the same position in some other college.

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BITS Pilani

Pilani Campus

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Sources of Preparation:

- Cracking the PM Interview | Book by Gayle Laakmann McDowell
- INSPIRED | Book by Marty Cagan

Not directly useful for interview preparation, but it's a good book to understand the role

Relevant Courses and Certification:

- BITS course : SQL (Database Systems)
- Online : Courses in product analytics, UI & UX design would be helpful

Suggestions / Other Information:

- Keep a personal journal of all work you have done at PS-2. Update it regularly. Also add any suggestions you have for your product/team/company
- Schedule regular update meetings with your manager and skip-level manager. If you want to gauge the likelihood of a PPO, ask about it informally in the last month of PS-2
- For the PM role: Understand that this is a “people” role as much as it's a “numbers” role



Sector: Product

Name: Samarth Tiwari (2017B1A10439P)

Company: SaaS Labs

Company description (2-3 lines):

SaaS Labs has a vision to enable small and medium enterprises around the world to revolutionize their sales and customer support processes via workflow automations, seamless integrations and the latest technologies.

Job Profile: Associate Product Manager

Job Description:

- Identify opportunities to accelerate product adoption, retention, engagement, and monetization
- Develop dashboards and define metrics that inform success for the Product Team
- Help design, execute and evaluate A/B tests to improve the user journey
- Explore large, complex, and loosely defined datasets to create actionable insights
- Engaging with business stakeholders regularly to understand requirement and provide inputs for prioritization
- Work collaboratively with product managers, along with the engineering, design, and marketing teams

Location of Job: 100% Remote

Exit options: MBA, PM 1

No. of offers made: 7

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Selection Process

Branches open to: All B.E. including Pharma, single M.Sc. were not allowed

CGPA Criteria: 6.75 post PS2

Recruitment Procedure:

- Online Test, 2 Rounds of Interviews
- The Test had 12 questions and a time limit of 45 mins:
 - 10 questions were MCQs on typical Product questions
 - 1 Guesstimate
 - 1 Product Design/Metrics question
- Interviews:
 - First round had questions based on Resume - Internship experience, Product case competitions, Guesstimates, Root Cause Analysis, Product Design and questions like What excites you about Product Management?
 - Second round had strategy questions on PORs - How will you increase attendance/participation in events like Gurukul Nite, Explain Product Management to a Class 12th student etc. This round was heavily focussed on Communication.

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Sources of Preparation:

- Be very clear why you want to get into Product Management. Start researching around the field around 10-12 months before placements. You can start with textbooks like **Inspired** to know what Product Management is.
- Participate in Product competitions (**TPF Product Teardowns**, **PM School** challenges). This will help you in making decks. Practice **Guesstimates**, **Product Design**, **Root Cause Analysis**, **Product Metrics** cases with friends.
- Books for interview preparation:
 - Decode and Conquer
 - Cracking the PM Interview
 - Preparing for Product Interview
- Books for psychology - will help you to come up with creative ideas in interviews
 - Hooked
 - Predictably Irrational
 - Design of everyday things
- Newsletters
 - The Ken - Extremely helpful for news around startups
- PM club's website where they have a curated list of resources.

Relevant Courses and Certification:

Digital Product Management on Coursera

Suggestions / Other Information:

Create a [portfolio](#) with all your decks. This will help you in getting Product Internships and will be a great resume point too.



Sector: Product

Name: Shashank Prasad (2018A1PS1006P)

Company: SaaS Labs

Company description (2-3 lines):

SaaS Labs is one of the fastest-growing SaaS companies in India, having witnessed multifold growth over the last couple of years. They have the vision to enable small and medium enterprises around the world to revolutionize their sales and customer support processes via workflow automations, seamless integrations, and the latest technologies. Clients include Alibaba Group, Grab, Jaguar, etc. With products suitable for all kinds of businesses, their aim is to become as ubiquitous in the SaaS world as Atlassian for product / project management and Gitlab for DevOps.

Job Profile: Associate Product Manager

Job Description:

- Identify opportunities to accelerate product adoption, retention, engagement, and monetization
- Develop dashboards and define metrics that inform success for the Product Team
- Help design, execute and evaluate A/B tests to improve the user journey
- Explore large, complex, and loosely defined datasets to create actionable insights
- Engaging with business stakeholders regularly to understand requirements and provide inputs for prioritization
- Facilitate activities such as training, development of user guides and manuals, pilot support, etc.
- Work collaboratively with product managers, along with the engineering, design, and marketing teams

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Location of Job: 100% Remote (Office in Noida)

Exit options: IIMs, Foreign MBA colleges

No. of offers made: 7

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Selection Process

Branches open to: All B.E. including Pharma, single M.Sc. not allowed

CGPA Criteria: 6.75

Recruitment Procedure:

- Resume Shortlisting
- Test - 10 product questions, 2 product improvement case studies
- Interview
- The product questions in the test were from google PM course (Coursera). The 2 product improvement questions were
 - Improvement of a metric in Amazon Prime
 - Pricing model for YT premium
- The interview process involved:
 - Resume and work based questions (plus point if there is any product related work experience, even if there is not just explain your work thoroughly)
 - Product feature case study (Improve WA Pay)
 - General product based question like: Why product? What's your favourite product?
 - Second round of interview mainly involved going through PORs and suggesting ways to improve the work done.
 - It was followed by an open ended product question. (Improve Byju's Reputation)

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Sources of Preparation:

Case compendium, Exponent YouTube videos, Practise solving cases with friends, growth.design.

Relevant Courses and Certification:

No courses required as such but most of the people who got an offer had a finance minor. (However not necessary)

Suggestions / Other Information:

- Be good with resume preparation. A well rounded resume is what they look for.
- Be prepared for all types of product based case study questions.
- Involve the interviewer as much as possible while solving the case.
- Have basic HR questions prepared as well.



Sector: Product

Name: Mudra Surana (20172A10722P)

Company: Sprinklr

Company description (2-3 lines):

Sprinklr is an American software company based in New York City that develops a SaaS customer experience management (CXM) platform. The company's software, also called Sprinklr, combines different applications for social media marketing, social advertising, content management, collaboration, employee advocacy, customer care, social media research, and social media monitoring.

Job Profile: Product Analyst

Job Description:

PA Role :

- Work closely with the Product Management team to improve product adoption
- Use product usage data to understand customer pain points and recommend possible solutions to the product team
- Work closely with product management & engineering teams on new features research, POC with clients & benchmarking with competitors
- Constant learning and collaborating with the team to develop best practices on product configuration with direct exposure in working with biggest consumer, business & technology brands across the globe.
- Configure the Sprinklr product for various brands and industries following high standards of delivery and quality

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Skill Set:

- Degree in engineering/management
- Ability to work in a highly challenging startup environment by maintaining high standards of accuracy in terms of quality & quantity
- Strong ownership and accountability
- Excellent communication and presentation skills
- Good Time management skills
- Strong ownership and accountability
- Ability to analyse data quickly to reach relevant insights
- Understand client needs and map them to concrete solutions

Location of Job: Gurgaon/Remote

Exit options: Product Management, Product Engineer roles

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Selection Process

Branches open to: All BE and dual degree except double PS students

CGPA Criteria: 6.5 and above

Recruitment Procedure:

- Resume Shortlisting, Online Aptitude Test, Interviews
- The Aptitude Test had 4 sections:
 - 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.
 - Data Interpretation
 - Quant
 - Math
- Test was an extremely fast-paced one. However, it is important to maintain speed to finish all questions.
- Interviews: There were 4 rounds of interviews.
- The first round is mostly based on resumes and random HR and M&A questions can be expected with a few probability-based small cases/problem statements
- The second round is expected to have case studies/guesstimates or a question on product sense.
- The third round is generic with common questions like “why product”, “tell me about a time you failed and how did you overcome that”, etc

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Sources of Preparation:

Being thorough with resume Basic HR questions preparation. Puzzles solving books Case study books - Day 1.0 , Case in point (cases can also be exchanged with friends) Search for generic puzzles, also study case in point for guesstimates and case based questions.

Relevant Courses and Certification:

No subject as such. Preparing these subjects could prove useful.

Suggestions / Other Information :

- Be good with resume preparation
- Be logical while answering and HR should be natural
- Have good practice of cases especially on probability and profitability
- Guesstimates and puzzles are important

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Sector: Product

Name: Vedant Poddar (2018A8PS0318P)

Company: Sprinklr

Company description (2-3 lines):

Sprinklr is an American software company based in New York City that develops a SaaS customer experience management (CXM) platform. The company's software, also called Sprinklr, combines different applications for social media marketing, social advertising, content management, collaboration, employee advocacy, customer care, social media research, and social media monitoring.

Job Profile: Product Analyst

Job Description:

PA Role:

- Work closely with the Product Management team to improve product adoption
- Use product usage data to understand customer pain points and recommend possible solutions to the product team
- Work closely with product management & engineering teams on new features research, POC with clients & benchmarking with competitors
- Constant learning and collaborating with the team to develop best practices on product configuration with direct exposure in working with biggest consumer, business & technology brands across the globe.
- Configure the Sprinklr product for various brands and industries following high standards of delivery and quality
- Work as a team to understand product adoption by various brands and establish standard practices to improve adoption

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Skill Set:

- Degree in engineering/management
- Ability to work in a highly challenging start-up environment by maintaining high standards of accuracy in terms of quality & quantity
- Strong ownership and accountability
- Excellent communication and presentation skills
- Good Time management skills
- Strong ownership and accountability
- Ability to analyse data quickly to reach relevant insights
- Understand client needs and map them to concrete solutions

Location of Job: Gurgaon/ WFH till reopening of offices

Exit options: MBA, Product Manager

No. of offers: 8

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Selection Process

Branches open to: All BE and Pharma

CGPA Criteria: None

Recruitment Procedure:

- Online Test, Technical Interview Rounds, HR Interview
- The Aptitude Test had easy questions but completing the same in the given time was challenging.
- Interviews: There were 3 rounds, each eliminator
- First round was mostly based on case studies like Improvement of the CoWIN application and designing an automatic driving car for the blind. The interviewer also wanted to understand my interest around the field since I had no prior experience in the same according to my resume.
- The second round started on a lighter note with more around why more engineers are getting into a product role. Later, it led to a discussion around EVs and the future of India in the EV space. This evolved into a case study about the Go-to-market strategy for Tesla in India.
- The third round started with a standard book guesstimate of the number of tennis balls you can fit in a passenger aeroplane. Then, it switched to a case study on Root Cause Analysis on the disparity of Rides to and from the airport for Uber.

Sources of Preparation:

Being thorough with resume Basic HR questions preparation. YouTube channels like PM school also helped a lot for the last-minute preparations.

Relevant Courses and Certification:

No subject as such. Mostly practicing case studies and guesstimates will help crack the interviews.

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Suggestions / Other Information:

Having confidence during the interview will help in the long run. I did mess up several times during the interviews but realising that and acknowledging it helped in getting the confidence of the interviewer. Usage of framework also helped in justifying your answers, so try to memorise one framework for each type of Case Study

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Sector: Product

Name: Poondla Bharath Reddy (2018A7PS0273P)

Company: Sprinklr

Company description (2-3 lines):

Sprinklr helps you improve modern customer experience management through care, research, engagement, advertising, and marketing – all while helping your organization increase revenue, reduce costs, mitigate risk, and deliver real value to your customers.

Job Profile: Product Engineer

Job Description:

To develop massively scalable, distributed software systems built on strong competencies in data structures and algorithms. So, if you desire to create and implement full product life cycles, and code solutions that involves research and interactivity

Location of Job: Gurgaon

No. of offers made: 2

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Selection Process

Branches open to: All B.E

CGPA Criteria: None

Recruitment Procedure:

- **Coding Test** (90 min , 3 questions) 1st question is related to map, 2nd question is based on logic plus some implementation, 3rd question can be solved with a maths equation or can be solved using Dynamic Programming.
 - Need to solve 2 or above question to have a chance to qualify to next round (13 selected)
- **Technical Round 1:** Was asked a DSA question (<https://www.geeksforgeeks.org/count-of-sub-strings-with-equal-consecutive-0s-and-1s/#:~:text=The%20task%20is%20to%20count,0's%20and%201's%20in%20it.&text=Explanat%3A,Hence%2C%20the%20count%20is%204.>) , $O(n)$ time complexity is expected, no particular algorithm , simple logic is enough to solve the question, then an upgraded version of the same question was asked. Also asked about my internships.
- **Technical Round 2:** Asked in-depth about my internships and Projects and how YOLO is trained and why is it fast , what are Residual Networks and what is the need of it and discussed which metrics to use for measuring model performance. At last a DSA question was asked which can be solved with priority queue.
- **Technical Round 3:** This is mostly about basics of neural networks, what are optimizers, loss functions, activation functions and more questions related to this and how neural networks update weights then a Probability question, what is Cache were asked. Finally asked to implement MinStack and Most Frequent Stack.
- **HR Round:** Basic HR questions like family background, strengths, weakness etc.

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Sources of Preparation:

- InterviewBit,
- GeeksForGeeks,
- Codeforces,
- machinelearningmastery.

Relevant Courses and Certification:

DSA, Machine Learning, Neural Networks and Fuzzy Logic, OS

Suggestions / Other Information :

Be strong in competitive programming as online round is important so try to do your best in online round and have strong knowledge about your projects.

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Sector: Product

Name: Vishwajeet Rajeghatge (2018A4PS0554P)

Company: Sprinklr

Company description (2-3 lines):

Sprinklr is the unified platform for all customer-facing functions. We call it unified customer experience management (Unified-CXM). They help companies deliver human experiences to every customer, every time, across any modern channel, at a once impossible scale.

Job Profile: Product Analyst

Job Description:

Work closely with the Product Management team to improve product adoption. Use product usage data to understand customer pain points and recommend possible solutions to the product team. Work closely with product management & engineering teams on new features research, POC with clients & benchmarking with competitors

Location of Job: Gurgaon

Exit options: MBA in IIM, Product roles in Other companies

No. of offers made: 8

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Selection Process

Branches open to: All BE and dual degree

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting, Online Test, Interviews
- Test: Majorly revolved around Quant skills with passage type questions testing the depth of knowledge and speed Test was easy. However, it is important to maintain speed to finish all questions. Navigation was allowed
- Interviews: The number of rounds were 4 in total.
- First round is mostly based on resumes and random HR and M&A questions can be expected with small cases/problem statements
- Second round was more detailed on with respect to the automation workflow designing and end to end process planning for any problem statement
- Third round was a detailed case interview with ideation of product features for a few apps and evaluating the designs thoroughly
- Fourth round was a general HR round with all the HR questions pertaining to strengths and weaknesses, Why do you want to join the company

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Sources of Preparation:

- Go through Victor Cheng's Case preparation videos along with Case Interviews Cracked case book.
- Practice random guesstimates as they will strengthen your structured approach to problem solving.
- Product thinking by Arindam Mukherjee is a good starting point for Product oriented cases.
- Practise and Persistence is must with Cases to make yourself comfortable with it

Relevant Courses and Certification:

R-Programming, Business Intelligence

Suggestions / Other Information:

Try to tag along with a case preparation partner to practice cases daily. Don't read up cases, always solve them with a partner

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Sector: Product

Name: Shruti Kumari (2017B2A11052P)

Company: Udaan

Company description (2-3 lines):

Udaan is India's largest B2B eCommerce platform that is empowering small businesses through the power and scale offered by eCommerce. It has operations across categories including lifestyle, electronics, home & kitchen, staples, fruits & vegetables, FMCG, pharma, toys, and general merchandise. The platform enables supply chain & logistics operations, which are based on sound technology, for daily delivery across 900 cities and 12,000 pin codes through udaanExpress.

Job Profile: Product Analyst

Job Description:

Product Role :

- Add value to clients by generating innovative ideas
- Drive decision making through critical/thorough analysis

Skill Set:

- A self-driven individual with a sense of ownership
- Conversant in PowerPoint presentations

Location of Job: Bengaluru

No. of offers made: 4

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Selection Process

Branches Open to: All

CGPA Criteria: No

Recruitment Procedure: PPO offered

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Sector: Product

Name: Adya Pathak (2017B1A30474P)

Company: Unacademy

Company description (2-3 lines):

Unacademy aims to build the world's largest online knowledge repository for multilingual education. They use technology to empower great educators and create a community of self-learners.

Job Profile: Associate Product Manager

Location of Job: Bangalore

No. of offers made: 4

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Selection Process

Branches open to: All BE and dual degree + Pharmacy

CGPA Criteria: None

Recruitment Procedure:

- Resume Shortlisting
- Deck Submission - based on the vertical they were hiring, test preparation(UPSC, JEE etc). Given 4 days to submit it had choice for deck(10-15 pages) or doc(5-10 pages)
- Interview - 2 rounds. Both were based on resume and product cases. Both the rounds had product design questions and emphasis was given on data metrics to track success. The 2nd round also had a favourite product improvement question followed by how to ensure adoption of the solution proposed.
Questions asked - Design Google Maps for blind people, Design Uber rides for differently abled.

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Sources of Preparation:

- Youtube mock interview series by Exponent and Rocketblocks.
- Books - Cracking the PM interview, Case Interview Questions for Tech Companies.
- Blogs and articles on new products and strategies.

Suggestions / Other Information :

For deck follow the structure given in the problem statement. Mock cases help for the interview

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Sector: Product

Name: Nitin (2017B5A40976P)

Company: Unacademy

Company description:

Unacademy is a learning platform that provides content for major competitive examinations as well as offers short lectures in the form of videos on different subjects which can be accessed for free. It allows aspiring students to better prepare for their competitive examinations and promote self-learning.

Job Profile: Associate Product Manager

Location of Job: Bangalore

No. of offers made: 4

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Selection Process:

Branches open to: All Branches

CGPA Criteria: None

Recruitment Procedure:

- Resume shortlisting
- Case Study: 3-4 days given for submission
 - Imagine that you are leading the product for learner experience for test prep vertical (meaning competitive exams like IITJEE, UPSC, CA, Bank exams, etc.) on Unacademy. Pick a particular problem in the learner experience that can be solved using technology. Impact: Describe why you chose this particular problem
 - Pain Points: List down the pain points and solutions to these pain points
 - Prioritise: Which pain points/use-cases will you solve first and why?
 - Measure what matters: How would you measure the success in the prioritised use- cases
 - Risks: List the risks associated with the proposed solution. If possible, how will you mitigate these risks?
 - Strategy: How would solving this problem help Unacademy?
- Interview Round 1: Talked in depth about my internship at Dunzo. Then he gave me a case study about Zepto (Dunzo's competitor) and asked me to compare both the companies on various aspects. At the end he asked me why do you want to be an APM at Unacademy?
- Interview Round 2: Did 2 case studies (RCA and Product design)
 - Case 1: Uber wants to launch a shuttle service. Being a PM how would you design the product for that?
 - Case 2: You are a PM at unacademy, watch minutes for live classes has decreased. How would you improve the situation?

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Sources of Preparation:

- Victor Cheng Youtube videos.
- Cracking the PM interview by (chapter 11-15)
- Preparing for product interviews by Akash Ramdas and Advait Sridhar
- Case interview cracked (Guesstimate only)
- Exponent Youtube channel

Suggestions / Other Information :

Be confident and don't get overwhelmed by the intense competition. It does not matter for how long you have been preparing for this role as long as you are Confident, have good communication skills and structured thinking.

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Sector: Product

Name: Trinika (2017B3A40698P)

Company: Unacademy

Company description (2-3 lines): EdTech

Job Profile: Associate Product Manager

Location of Job: Bangalore

No. of offers made: 4

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Selection Process

Branches open to: All BE and dual degree

Recruitment Procedure:

- Total No of rounds = 3.
- Round 1: Deck submission. (Only certain students received the problem statement based on the resume shortlisting)
- Round 2: Product Thinking Question + Guesstimates + Questions based on resume
- Round 3: Product Thinking Question + Questions based on resume + HR Questions

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Sources of Preparation:

- Being thorough with your resume and Basic HR questions.
- Practice cases through Case study books - Cracking the PM interviews, Preparing for product interviews, Swipe to Unlock, Inspired, also study case in point and Case interview cracked for guesstimates and case-based questions.
- Try to cover all types of cases - RCA, Market Entry and Product Thinking

Suggestions / Other Information:

Start reading blogs like The Ken from 2nd- 3rd year as it keeps one up to date with market trends and innovations.

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