

PLACEMENT CHRONICLES

RECRUITMENT PROCESS & INTERVIEW EXPERIENCES

**Semester - I
AY 2021-2022**



**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE,PILANI
HYDERABAD CAMPUS**



FOREWORD

Dear Students

It gives us immense pleasure to present the PU Chronicles for the AY 2021-22. The document aims to provide you with information that would help you to make important decisions related to your placements and academics.

This document has been curated by compiling the interview experiences from students who cleared the interview rounds and were placed in the companies that visited campus in 2021-22. This is by no means an exhaustive document enlisting all the students placed or all the companies that visited. The information here is from the student's perspective and thus can be very resourceful to students as they gear up for the processes yet to come. We urge you to get in touch with us directly to clarify doubts, and also write to us at placement@hyderabad.bits-pilani.ac.in in case you notice any glaring errors. We will ensure that a rectification notice is sent at the earliest.

A word of caution: Placements is an extremely volatile area, and changes based on a number of factors such as market conditions, recruiter relationships and business constraints. Please read through the document with the awareness that the trend for a certain year may not be the trend for the next year. Hence, streams That did not do well in a particular year will be the best placed in the following year. The rounds and processes conducted by a company in the previous semester may very well differ this semester.

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

All the Best
Placement Team
BITS Pilani Hyderabad Campus





Table of Contents

IT

[Amazon](#)

[Capgemini](#)

[Celigo](#)

[Chalo](#)

[Cisco](#)

[DevRev](#)

[Fareportal](#)

[Financepeer](#)

[Fiorano](#)

[Gap Inc.](#)

[GE Healthcare](#)

[Google](#)

[Indeed](#)

[Infoedge](#)

[Innominds](#)

[Jivox](#)

[KFin Technologies Limited](#)

[L&T Infotech](#)





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[Medibuddy](#)

[Navi Technologies](#)

[NCR Corporation](#)

[NielsenIQ](#)

[o9 Solutions](#)

[PayPal](#)

[PepsiCo](#)

[PharmEasy](#)

[PhonePe](#)

[PROVIDENCE GLOBAL CENTER](#)

[PUBLICIS SAPIENT](#)

[Q2 eBANKING](#)

[RAZORPAY](#)

[Regology Inc](#)

[S & P Global](#)

[Sainapse](#)

[Searce](#)

[SEDEMAC Mechatronics](#)

[ServiceNow](#)

[Sigmoid](#)

[Sprinklr](#)



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[Star Union Dai-ichi Life Insurance](#)

[SymphonyAI](#)

[Tismo Technologies](#)

[Truminds Software Systems](#)

[Uber](#)

[Udaan](#)

[UnDosTres](#)

[Workspot](#)

[Non Tech](#)

[Delveinsight](#)

[Epsilon](#)

[Fischer Jordan](#)

[Futures First](#)

[Head digital works](#)

[Indus Insights](#)

[Institutional Shareholder Services Inc. \(ISS\)](#)

[Meesho](#)

[Medibuddy](#)

[Sprinklr](#)

[SuperProcure](#)



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[Tredence Analytics \(International\)](#)

[ZS Associates](#)

[ET](#)

[Infineon Technologies](#)

[Micron](#)

[Micron](#)

[Qualcomm](#)

[Tejas Networks](#)

[Texas Instruments](#)

[Xilinx AMD](#)

[Miko.ai](#)

[CORE](#)

[Deepak Fertilizers](#)

[ExxonMobil](#)

[Larsen & Toubro Limited](#)

[Reliance Industries Limited](#)

[Anand Groups](#)

[WCB Robotics](#)



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[Viacom 18](#)



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DOMAIN IT



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Amazon

Eligibility: B.E. (A7, AA, A3, A8)

CGPA Cut-off: None

Role(s): SDE

Selects: 6

Selection Rounds: 4

CTC: 40 LPA



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Name: Aadeesh Patni

ID Number : 2018A3PS0556H

CGPA: 8.28

Role: SDE

Recruitment Procedure:

Round 1: Online Test

Consisted of 4-5 sections. Coding/debugging questions are mostly easy. Coding questions are your generic leetcode questions with maybe a little twist. There is a section for puzzles/logical reasoning which is a bit lengthy for the given time, so be sure to solve them fast (but don't be in too much of a hurry to solve them or you will end up with wrong answers). There is also a section for behavioral reasoning, for which they judge your answers based on Amazon's 14 Leadership Principles (google them, keep them in your mind while solving this section. The more your answers are aligned with these, more are your chances of getting shortlisted).

Round 2: Technical Interview 1

Consisting mostly of leetcode easy/medium type questions. Try to describe your solutions as well as possible, keep saying your thought process so that the interviewer can see that you can communicate well. Although after getting a question, you don't have to immediately start speaking your solution, just ask for a minute to collect your thoughts. Do not be afraid, be calm and approach a solution as best as you can.

Round 3: Technical Interview 2

Very similar to the first interview, one of the questions was a little bit trickier here for me compared to other questions asked till now. In your solutions, try to cover all edge cases, also, when it's time to write the code, write as beautifully as you can, with proper variable/function names that describe what their purpose is in the code. This is not CC, your solution should be easily readable.



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Round 4: Interview 3

In this round, they will ask you about your previous experiences (any internships, projects that you have done). Be thoroughly prepared with those, you should have deep knowledge of the work you have done in your projects because they will ask how you implemented certain things, what reasons were there for your choice of a certain thing over the other (e.g. you chose NoSQL db over SQL based dbs, you should have a clear reason why).

In this interview, you should prepare your answers which may show points of the 14 leadership principles (do this in a subtle way, don't just throw one point in there for the sake of it). They may evaluate you based on these principles to judge you are a culture fit.

After all this, there was one kind of open ended question which may have had multiple possible solutions, explain your thought process as best as you can, this one was more about the approach to the solution rather than the solution/code itself.

When did you seriously start preparing?

I started preparing for SI in my 2-2, but could not clear any. Then I started seriously preparing in my 3-1 after SI drive ended. You should try to be regular with DSA, try to solve 1-2 questions each day instead of starting at the 2 months before and studying 10-12 hours a day. You will have a lot of evals/midsem/compre in between as well. So start preparing for DSA as early as possible.

Topics/ Skills essential/ recommended for selection:

1. DSA
2. OOP (concepts of OOP should be clear and you should write clean & readable code)
3. OS & DBMS (If you are from phoenix, you may need to do these on your own. There are some great playlists on youtube for these)





Sources that helped in preparation:

1. InterviewBit (most of my questions for Amazon were from this)
2. LeetCode
3. GFG

Important Tips / Suggestions:

DSA is most important for placement in IT companies. Your approach to conquering DSA should be robust. Don't try to do 100s of different questions, you will not be able to build good approaches to solutions this way, because you are just solving different questions without thinking about how/why they work for the given problem. Instead, take some limited number of questions (consisting of easy, medium and hard levels of difficulty), and solve them multiple times. Write notes for these solutions, write down how and why they work, are there any other ways to solve the same question.

What I did was I solved most of the interviewbit questions multiple times. Every time I had to revise for a new company, I would just go through my notes about these questions.

If you feel you are not able to solve questions in an interview environment, try to do mock interviews with your friends/connections. Also try to speak out loud your approaches to questions while solving them, this will give you confidence to do the same in the actual interview.

Any other relevant information:

Selection criteria is mostly based on DSA. Other than that, deep knowledge of the projects mentioned in the resume will help.

All the best for your placements. And remember, a lot of good companies visit our campus for placements(thanks to the Placement Unit), you will be placed if you have prepared well, so don't take too much tension :).





Name: Dhruv Maheshwari

ID Number: 2018A7PS0170H

CGPA: 8.14

Role: SDE

Recruitment Procedure:

Round 1: Coding Test

2 questions, 7 small debugging questions, mathematical aptitude questions and some behavioral questions.

Round 2: Technical Interview 1

Coding questions were asked. First was an easy question on dfs and other was a variation of [this leetcode array problem](#) where length of arrays were equal

Round 3: Technical Interview 2

2 coding questions and a few behavioral questions were asked. Coding questions included variations of [this leetcode asteroid collision problem](#). Also, I was asked about working behind priority queue/heap. Basically, I needed to know how to create a heap.

Round 4: Technical Interview 3

Interviewer asked a question on the merge interval and then the rest of the interview was spent on behavioral and HR questions.

When did you seriously start preparing?

I started preparing from April of my 3-2.

Topics/ Skills essential/ recommended for selection:

Not much was asked from my resume or projects. Only DSA was asked from me.





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Sources that helped in preparation:

1. Leetcode
2. InterviewBit
3. CLRS
4. Aditya Verma YT channel for DP
5. This [facebook post](#) provided good sources for my preparation

Important Tips / Suggestions:

For behavioral questions, try to learn about Amazon leadership principles and know about STAR method to answer such questions



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Name: Kshitij Dubey

ID Number: 2018A8PS0854H

CGPA: 7.9

Role: SDE

Recruitment Procedure:

Round 1: Coding Test

First typical Amazon OA with leadership principles.

Round 2, 3, 4: Technical Interviews

They were pure DSA rounds with leadership questions in case you answer DSA questions and have time left. The rounds were taken by the manager, a SDE 2 and another manager respectively.

Amazon focuses a lot on Linked Lists, Arrays and especially Trees.

When did you seriously start preparing?

I started prepping after my PS1 ended and after an unsuccessful SI season. I started seriously preparing in 3-2. I fully completed interview-bit and after that started doing questions from leet-code. It is very important to fully cover one material set and only after that moving to another site/prep material.

Topics/ Skills essential/ recommended for selection:

Trees, Dynamic Programming and Graphs

Sources that helped in preparation:

1. Dynamic programming - Aditya Varma, Tushar Roy, Tech Dose

Important Tips / Suggestions:

Focus a lot on data structures (Trees, Graphs, LL).





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Capgemini

Eligibility: B.E (All)

CGPA Cut-off: 6

Roles: Associate Consultant

Selects: 3

Selection Rounds: 3

CTC: 10 LPA



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Name: Meghanath

ID Number: 2018A3PS0562H

CGPA: 6.45

Role: Associate Consultant

Recruitment Procedure:

Round 1: Aptitude questions, puzzles and English

Round 2: Coding round

Round 3: HR interview

When did you seriously start preparing?

3rd-year sem 2

Topics/ Skills essential/ recommended for selection:

DSA, OOPS, and communication skills played an important role in my selection. Having non-tech internships and case study solving experience is beneficial. Coding skills for online tests and required. The interview was based on my resume. I had a finance project and I was quizzed on it for more than 10 minutes. There were a few case studies also.



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celigo

Celigo

Eligibility: B.E. CS and ET

CGPA Cut-off: 6

Roles: SDE-I

Selects: 6

Selection Rounds: 4

CTC: 20.5 LPA



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Name: Shivam Kankal

ID Number: 2018A3PS0174H

CGPA: 7.8

Role: SDE-I

Recruitment Procedure:

Round 1: Coding Round with 3 questions

Round 2: Technical Round 1

There were 2 Interviewers and they asked me to give a brief introduction about the projects I did. It was followed by a few DSA questions. DSA questions that were asked were:

Question 1-> Trapping Rainwater
(<https://www.geeksforgeeks.org/trapping-rain-water/>)

Question 2-> Minimum Element in a Rotated Sorted array
(<https://www.geeksforgeeks.org/find-minimum-element-in-a-sorted-and-rotated-array/>)

This round lasted for 30-40mins approx.

Round 3:

This round began with a detailed discussion on OOPS (asked to code various OOPS logic), followed by a few DSA questions and finally ended with a system design question(asked me my fav app to use and asked about its design).

DSA questions asked in this round:

Question 1->
(<https://www.geeksforgeeks.org/find-non-overlapping-intervals-among-a-given-set-of-intervals/>)

Question 2->
(<https://www.geeksforgeeks.org/minimum-number-swaps-required-sort-array/>)

This round lasted for around 1.5hrs.





When did you seriously start preparing?

I started preparing seriously from the month of May (approximately 3-4 months before the placement season). I took the help of Love Babbar's 450 DSA question sheet for Data Structures. I watched Abdul Bari youtube playlist for algorithms, Gate Smashers' youtube playlist for OS, and watched several different youtube videos for OOPS.

Topics/ Skills essential/ recommended for selection:

OOPS, and projects play a very crucial role in the later rounds of the interview process. DSA obviously is the single most important topic for cracking interviews.

Important Tips / Suggestions:

Just Solve as many DSA questions as possible. Try to add some good projects to your resume and study OOPS and OS properly. Make sure to see the previous yr questions before the coding round and technical interviews as many times the questions get repeated. Try to solve a few puzzle questions from InterviewBit or any other site.





Name: Vemparala Laxmi Manuha

ID Number: 2018A8PS0953H

CGPA: 8.92

Role: SDE-I

Recruitment Procedure:

Round 1: Online Test - In this test we were asked 3 programming questions with 2 moderate-easy questions focusing on arrays and the 3rd question was of a higher difficulty based on graphs.

Round 2: Technical Interview - In this round, I was asked to explain my thought process and write the code for 3 questions and also continuously optimise the solution. I answered 2/3 of the questions properly and the third question with not as much optimisation.

Round 3: Technical Interview - In this round, I was asked a programming question which required the knowledge of sorting algorithms. The rest of the round focused on designing a social media application (the interface, using emojis, comments etc.). Both the technical rounds lasted for 1 and a half hours.

Round 4: HR interview - This round was a basic HR interview with common questions like Tell me about yourself, Describe yourself in three words etc. This round went on for 15 minutes.

When did you seriously start preparing?

I started preparing seriously 3 months before the placement cycle started. I mostly used websites like Interviewbit and Leetcode. I also watched YouTube videos to learn topics like Dynamic Programming and Graphs well. I would suggest preparing much earlier than 3 months as the whole process is stressful if you are not confident in yourself.





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Topics/ Skills essential/ recommended for selection:

Knowledge about Operating systems, Object-Oriented Programming and DSA was necessary to get through the process. SE project was most helpful. They had MERN tech stack and my SE project was on that, so they pretty much asked everything on that.

Sources that helped in preparation:

LeetCode, InterviewBit, GeeksForGeeks, HackerEarth

Important Tips / Suggestions:

Always be confident in the answer you're giving and do not hesitate to ask questions during interviews. The interviews are more about the interviewer noticing your approach to get to the solution rather than the solution itself. So make sure to read out your thoughts aloud.



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Name: Arshdeep Singh

ID Number: 2018AAPS0436H

CGPA: 9.11

Role: SDE-I

Recruitment Procedure:

Round 1: There were some 10 to 15 MCQs based on CS basics including OOP, DSA, and DBMS. As for the coding questions, those were standard DSA questions. 3 coding questions of medium difficulty were asked.

Round 2: Technical Interview I. This round was mainly focused on DSA. I was asked about the various types of the Best time to buy and sell stocks question which was related to DP. <https://leetcode.com/problems/best-time-to-buy-and-sell-stock-with-transaction-fee/discuss/108870/Most-consistent-ways-of-dealing-with-the-series-of-stock-problems> , all types are listed here. Then I was asked a question about binary trees. This round lasted for about 40 minutes.

Round 3: Technical Interview II. I was asked mostly DSA in this too but some people were asked about system design as well. For me first I was asked a question on binary tree related to the average of nodes. I did the question by recursion but then he asked me to do it iteratively. I told him the approach and moved on. Next, he asked me <https://leetcode.com/problems/next-permutation/> . I wasn't able to do it at first but the interviewer gave me hints to reach the solution. This round lasted for about 1.25 hours.

Round 4: HR Interview. It was a generic HR interview. I was asked about myself, my family, hobbies etc. Because of my CGPA, I was also asked about prospects for higher studies. It was a pretty small round and lasted for about 10 minutes.





When did you seriously start preparing?

I started preparing in the middle of my 3-2 since I wasn't able to grab an offer for SI. I tried to solve as many DSA questions as possible on LeetCode, InterviewBit and binarysearch.com. I also studied OS, OOP and DBMS concepts since they are also mostly asked in interviews.

Topics/ Skills essential/ recommended for selection:

DSA is most important since this is the most asked topic for tests as well as interviews. CS concepts for OS, OOP and DBMS are also important. System Design might also be asked so try to go about the basics for System Design if you have time.

Sources that helped in preparation:

For DSA theory - <https://www.udemy.com/course/datastructurescncpp/>

For Dynamic Programming - https://www.youtube.com/watch?v=nqowUJzG-iM&list=PL_z_8CaSLPWekqhdCPmFohncHwz8TY2Go (Aditya Verma's playlist on Dynamic Programming)

For OS and DBMS - <https://www.youtube.com/c/GateSmashers>

For OOP - <https://www.youtube.com/c/SmartProgramming>

For algorithms - GeekforGeeks

For DSA questions = Interviewbit (most important), Leetcode and binarysearch.com

Important Tips / Suggestions:

Be thorough with your CV and DSA because I was mostly asked about DSA. Also, be thorough with the basics of other CS concepts such as OOP, OS and DBMS. Try to go through the basics of System design also.





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CHALO

CHALO

Eligibility: B.E. (All)

CGPA Cut-off: NA

Roles: SDE-I

Selects: 2

Selection Rounds: 3

CTC: 22 LPA



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Name: Akshat Shukla

ID Number: 2018AAPS0480H

CGPA: 8.72

Role: SDE-I

Recruitment Procedure:

An Online Test with 3 medium-hard questions was conducted on HackerEarth.

Round 1: Technical puzzles were asked

1. Minimum comparisons to find the second biggest element among 'n' numbers.
2. Given a function named FunA which generates numbers from 1 to 6 with equal probable to be generated; you are supposed to create a FunB which generates numbers from 1 to 12 with equal probability using FunA

Round 2: Recursion, Backtracking questions on Java, Had to tell output of some code blocks. System design question: Design Instagram or Twitter

Round 3: Usual HR questions about my internships and projects.

Lastly, there was a question on Finding the shortest unique prefix for every word in a given list. He asked for an approach and I had to write the code for that.

When did you seriously start preparing?

I started preparing seriously at the end of the second year. Firstly, I learnt about basic DSA and STL in C++. Then, I started solving questions on Leetcode and Interviewbit. I had a few projects on ReactJS and Django so that's useful at times when the interviewer asks about your development side. At the same time, I learned about OS, OOPS and DBMS through online resources.

Topics/ Skills essential/ recommended for selection:

Data Structures and Algorithms, Object-Oriented Programming Concepts

Operating Systems, Database Systems, Low-Level Design, System Design





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Sources that helped in preparation:

DSA - Leetcode + Interviewbit

System Design - CodeKarle + Educative.io

Java + OOPS - Smart Programming YouTube channel

Projects : Fireship.io



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Name: Abhishek Bapna

ID Number: 2018A7PS0184H

CGPA: 7.13

Role: SDE-I

Recruitment Procedure:

There were 3 rounds (some had a small 4th round as well)

Round 1: Online DSA Round- 3 Questions Med-Hard LeetCode Difficulty based on Graphs & Maps. The questions presented to me were spin-offs on other popular questions.

Round 2: DSA Puzzles Interview- Face to face interview on common DSA principles, was not expected to code any of the questions but rather give my approach & thinking. The interviewer cross-questioned me about my approaches & helped me wherever I got stuck.

Round 3: System Design Interview- Face to face interview was asked to design Aarogya Setu, what my priorities while designing the app would be, which type of database would I use & why, and Which database actions will be most important.

Apart from this basic HR & general career goal questions.

Additionally in rounds 2,3 there were questions on my projects & relevant courses.

When did you seriously start preparing?

I seriously started preparing in my 3-2 , Which felt a bit late for me especially if you're looking to get an SI as a lot of the processes were already underway (There is no problem in starting late but starting early gives you a lot of breathing room to work on your flaws). Most Processes test your competitive coding skills so that is a must for any SDE. I was not a huge fan of Coding competitions but they do give you experience





in time management & question selection. Sites such as LeetCode, GeekForGeeks, InterviewBit etc. are extremely helpful to get a wide array of questions. Knowledge of DSA & DBMS is required. Online resources work just as well as long as you grasp the concepts & have a good understanding of what's being asked. Find what method suits you best what worked for me might not work for you & vice versa. Consistent efforts work better than spikes. Just remember it's a marathon, not a sprint.

Topics/ Skills essential/ recommended for selection:

DSA (Time & Space complexity, Different types of data structures, proficiency in atleast 1 of Java/C++ I coded in C++ cause of predefined STL Libraries).

OOPS, DBMS (Queries, ACID properties, CRUD, Types of databases).

Apart from these- Networks, OS, Information Retrieval, AI, Software Engineering etc. can be very helpful.

Always prepare common HR Questions before hand so you don't stumble in the interviews & learn about the STAR process.

Sources that helped in preparation:

Learn about the company, its goals also the JD. Never be afraid to take help from your peers & seniors for mock interview prep or cross-questioning. Be well versed with everything you have written on your resume & mentioned skillset & try to move the convo back to your strengths/ connect the current question with something you have experience with. If you don't know something it's better to be candid about it & move on rather than beating around the bush.

People will get placed before you & a lot will after you don't belittle yourself & keep pushing forward... Most of my friends got placed way before me :) & it did affect my interviews so make sure you keep a level head & give it your best. Make sure you're comfortable on the day of the interviews cause you might be stuck there for the entire





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day so be prepared for that. It's okay to be nervous but trust your process & be confident.

Important Tips / Suggestions:

Always be on the lookout for off-campus opportunities etc.



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Cisco

Eligibility: B.E. All, B. Pharma

CGPA Cut-off: 6

Roles: SDE-I

Selects: 2

Selection Rounds: 5

CTC: 23,43,300



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Name: Danish Shakeel Mohammad

ID Number: 2018A7TS0103H

CGPA: 7.21

Role: SDE-I

Recruitment Procedure:

There was one test round and 4 interview rounds. There were two technical rounds and two HR rounds.

Round 1: The first technical round asked simple questions about CS basics like DBMS, DSA and a little bit of OS. Here, if you do not know the answer to a question just say so and they will ask a different question. Make sure at least one of DBMS or DSA is well prepared since you can tell the interviewer you are more comfortable in this domain and they will focus on it.

Round 2: The first HR round was quite long and was looking at communication skills. The most important thing here is to be relaxed and not be tense. There are almost no wrong answers. If you still feel nervous you can start each answer by asking for a minute or two to think and compose yourself and then begin answering the question.

Round 3: The second technical round was about projects and what you did in them.

Round 4: The second HR round was mostly a formality where they asked which locations and roles were preferred.

When did you seriously start preparing?

I started preparing in June-July. For DSA I went through Interviewbit. I planned out how many questions I was going to do from each segment. I think there were 8 parts and I planned to do one of them every week. The important part was to do this in collaboration with somebody so that we can keep tabs on each other and ensure





neither was lagging behind, otherwise, I found it difficult to keep myself motivated. I also did Codeforces rounds as and when they came up. This, however, I was doing for a while (intermittently from around January).

For DBMS and OS, I used my notes and whenever I found a concept that I wasn't too sure about I watched a few youtube videos to brush up on the concept. As I learned stuff I created my own short summaries so that I could revise them quickly. I used one-note to make the notes so that I could make them colourful and have arrows and tables to make them easier to understand so that I actually feel like going through them again. Doing this over the vacation allowed me to put some time towards it.

Topics/ Skills essential/ recommended for selection:

DSA and DBMS were critical. Regarding projects, it should not matter what exactly the project is, as long as you can demonstrate that you were passionate about it and know all its aspects. Some questions to keep in mind for all the projects is to know why you chose that project, what difficulties you faced, how you overcame those difficulties and what you learnt over the course of the project. These might not be the exact questions asked but the points you create to answer these should help in crafting an answer to any project relevant question asked. I personally had an AI-based project that I went on and on about over the course of 2 whole interviews. Since I had actually worked on it and was enthusiastic about it, it helped me be confident in my answers and do well in the interviews.

Sources that helped in preparation:

For DSA, the concepts and algorithms can be learnt by following InterviewBit and doing Codeforces alongside it will help in learning to recognise when to apply the concepts, to see your standing improve overtime as you learn more and more and build confidence, and it will also help in learning how to code under a time limit. For DBMS, go through notes if you have them and search online for cheat sheets for SQL and normal forms which will help in getting a quick overview of the topic.





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Important Tips / Suggestions:

None of the questions asked were too difficult, so go into the tests and interviews with a relaxed mindset. Be frank if you do not know something and be honest when answering HR questions rather than trying to align your answer to what you think the interviewer expects.



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Name: Sudarshan Mehta

ID Number: 2018A3PS0579H

CGPA: 8.06

Role: SDE-I

Recruitment Procedure:

There was a coding test (15 MCQs + 2 DSA Qs) and 4 interview rounds (2 Technical + Managerial + HR)

Round 1: Explain DFS, BFS, Inorder, Preorder, Postorder
Code

<https://www.geeksforgeeks.org/remove-duplicates-from-a-sorted-linked-list/>

Code child process creation in OS

Asked bitwise operators, OSI model, TCP/ IP model, TCP vs. UDP

Round 2: Standard managerial/ HR Qs - why Cisco, Cisco products you have used, strength, weakness, most significant achievement, individual project vs. team project, past internship experience & problems faced, and how you solved them.

Round 3: Discussion on all projects and internships mentioned in my CV

My OOP course project had one of the features of slot booking and another of sorting shops based on how close they are, so he asked DSA Qs related to these features while I was describing this project. One of these was: Say n people have provided multiple time slots (of varying length) when they are available to shop. Can a timeslot of a minimum of 15 min. be arranged such that all n people can be present at the shop? Besides these 2 DSA Qs, which he thought of while discussing the project, he also gave this <https://www.geeksforgeeks.org/check-binary-representation-number-palindrome/>.

(Was asked to code all the 3 DSA Qs)





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Round 4: A short 5 min. round. Was asked about job location preference and why among all the candidates, you should be hired.

When did you seriously start preparing?

During 3rd year while preparing for SI. Started solving Qs on Interviewbit and gate smashers for CS subjects.

Topics/ Skills essential/ recommended for selection:

DSA, OOP, OS, CN

Sources that helped in preparation:

Interviewbit/ Leetcode, Gate Smashers for CS subjects, GFG - company-specific recent interview experience

Important Tips / Suggestions:

Focus on OS and CN. Prepare managerial/HR Qs



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DevRev

DevRev

Eligibility: B.E. CS

CGPA Cut-off: None

Roles: Member of Technical Staff

Selects: 1

Selection Rounds: 5

CTC: 31.5 LPA



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Name: Nipun Wahi

ID Number: 2018A7PS0966H

CGPA: 9.5

Role: Member of Technical Staff

Recruitment Procedure:

Round 1 -coding round in which 4 coding questions and 12 mcq type questions were asked .

Round 2 & 3 - 2 technical interviews

Round 4 - HR Interview

Round 5 - this round was with the founder in which the founder tells about the company and product.

When did you seriously start preparing?

I started preparing before summer internship . After getting SI stopped . Then started again 2 weeks before placement as was not given PPO

Topics/ Skills essential/ recommended for selection:

You should know at least 1 subjects OOP,OS, Networks ,DBMS very thoroughly so that you can discuss that easily with the interviewer

Sources that helped in preparation:

1. Cses.fi
2. Codeforces
3. geeksforgeeks

Important Tips / Suggestions:

Be sure to be thorough with basics and resume





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Fareportal

Eligibility: B.E. CS
CGPA Cut-off: None
Roles: SDE
Selects: 7
Selection Rounds: 2
CTC: 20 LPA



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Name: Vishal Dheeraj

ID Number: 2018A7PS0239H

CGPA: 7.43

Role: SDE

Recruiting Process:

1st Round - Coding Test - Simple DSA Questions

2nd Round - Technical Interview - A general discussion on the understanding of different technologies and different Software fields, DSA questions, and questions on OOP.

When did you seriously start preparing?

Started preparing about 4 months before the start of the placement season.

Topics/ Skills essential/ recommended for selection:

OOP, Database Systems, DSA

Sources that helped in preparation:

1. Geeks for Geeks
2. Javatpoint
3. InterviewBit
4. Leetcode



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Name: Ashish Makundilal Verma

ID Number: 2018A7PS0009H

CGPA: 7.75

Role: SDE

Recruiting Process:

1st Round - Coding Test + Resume Shortlisting - Very different from normal Coding rounds. The questions were very easy but the catch was we only had **one attempt** to run our code.

2nd Round - Technical + HR Interview - The interview was at a much higher difficulty level compared to the online test. Detailed concepts regarding DSA, OOP, DBMS, and OS were asked. Also, HR and behavioral questions such as Success vs Satisfaction, and Situations on how to handle real-world problems were asked.

3rd Round - Phone Interview - This was the final round. We were asked basic HR questions - Why do you want to work here? Where do you see yourself in 5 years? etc. The call ended on the note to check in with the Placement Cell in a couple of days regarding the result of the interview.

When did you seriously start preparing?

- Started around April 2021, 3 months before placement season.
- Initially brushed up on my DSA skills and learned implementations of algorithms done on Advanced Data Structures(Trees, Graphs, etc.)
- After a couple of rejections, I realized that only DSA is not going to cut it. Then I worked on OOP System Design, DBMS, and OS concepts.





- Communication Skills + Behavioural Questions: Apart from technical skills, it is also important to show the interviewer that you can tackle real-world problems and be a team player. These help in the HR Round.
- Practice: Keep on trying to solve standard problems and their variations on a daily basis.
- Mock Interviews: A fresh perspective might help one realize where improvements can be made.

Topics/ Skills essential/ recommended for selection:

DSA, DBMS, Operation System(OS), Object Oriented Programming + System Design, Communication Skills + Problem Solving Ability

Sources that helped in preparation:

1. GeeksForGeeks
2. Interviewbit (DSA + System Design)
3. YouTube (DBMS + OS - Watch GateSmashers Playlist, DSA - Abdul Bari)

Important Tips/Suggestions:

Keep CS concepts clear. Practice explaining those concepts in an inventive way.





Name: Bhavish Pahwa

ID Number: 2018A7PS0168H

CGPA: 7.97

Role: SDE

Recruiting Process:

1st Round - Coding Round - Online Round on Codility. Basic to Medium DSA questions were asked in the online round. As the questions were more on the easier side solving all 5 coding questions was necessary to get selected for Interview rounds.

2nd Round - Technical Interview - I had one interview with a senior developer working at Fareportal. Some people had 2 Technical interview rounds but I had only one. In this round I was asked questions on C++ basics and other data structures, was asked about friend functions in C++, some basic questions on C#. Then I was asked some questions based on my resume. In the end I was asked a coding problem based on binary tree (Print Right View of a binary tree).

3rd Round - HR Round - Basic Personality based questions. Normal questions about one's understanding of Tech firms and their different divisions (Cloud, DevOps, Security, Test/QA, Dev, Data Science, Data Engg.). I had previous intern experience at DBS bank due to which I had a brief idea about what different divisions in tech work on. Then I was asked about which department piqued my interest and how I would be able to contribute to the firm.

When did you seriously start preparing?

I had a summer intern so I started seriously preparing after my Summer intern got over in August. But, during my summer intern also I used to practice at least 1-2 leetcode problems daily to maintain a grasp on DSA fundamentals. After my summer intern got over I started working on Computer Science basics like OS, OOP, Computer





Networks. I also went through some basic HR questions and some system design beginner problems.

Topics/ Skills essential/ recommended for selection:

According to me DSA and OOP were critical skills required for the process. Having a grasp of basic HR and personal questions would also help. In case of projects, my internship project and experience helped me in securing the offer as the Interviewer was quite impressed by my explanation of it's business goals and corresponding benefits.

Sources that helped in preparation:

GeeksForGeeks, Leetcode, InterviewBit Hr question bank
(<https://www.interviewbit.com/hr-interview-questions/>)

Important Tips/Suggestions:

Get a good grasp on DSA and OOP. Be prepared with answers to basic HR questions and try to maintain a professional summary of yourself which could include your achievements, future agendas and interests in tech.





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Financepeer

Eligibility: B.E. CS/ET

CGPA Cut-off: None

Roles: SDE

Selects: 1

Selection Rounds: 4

CTC: 15 LPA



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Name: Pranav G

ID Number: 2018AAPS0334H

CGPA: 6.4

Role: Full Stack Developer

Recruiting Process:

1st Round - Machine Round - task to build a demo website that has a login feature and has a simple function to parse a JSON file.

2nd Round - Interview Round 1 - Generic questions like which programming languages I know.

3rd Round - Interview Round 2 - Theory and small coding questions.

4th Round - HR Round - CTO of the company talked to me. More like a conversation.

When did you seriously start preparing?

I started seriously only after the end of my 3-2 which I highly do not recommend to anyone, please start early, preferably in the first year itself.

Topics/ Skills essential/ recommended for selection:

HTML, CSS, Flask, (frontend and backend web dev basically)

Sources that helped in preparation:

The examly courses helped me quite a bit. I also suggest w3schools for learning HTML/CSS/javascript.



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Important Tips/Suggestions:

My advice is to just learn web dev and be thorough with coding-related concepts. I personally had only days of web dev experience, but if one knows it well, I expect they will quite easily crack this company.

Also general advice - populate your CV as much as possible. Like, don't hesitate to put even the small-scale projects you worked on.



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Fiorano

Eligibility: B.E. CS/ET

CGPA Cut-off: None

Roles: SDE

Selects: 4

Selection Rounds: 2

CTC: 10.5 LPA



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Name: Aman Jain

ID Number: 2018AAPS0396H

CGPA: 7.72

Role: SDE

Recruiting Process:

1st Round - Coding Test

2nd Round - Technical Interview

3rd Round - Technical Interview

When did you seriously start preparing?

I started in March 2021. I used to solve questions on Leetcode and watch videos for DSA.

Topics/ Skills essential/ recommended for selection:

The most important thing for SDE placements is DSA. You should have knowledge of all kinds of data structures and solving questions is very important.

Sources that helped in preparation:

1. Leetcode
2. YouTube - Pepcoding

Important Tips/Suggestions:

Just be very clear about what you have mentioned in the resume. During my both rounds of interviews, they spent a significant amount of time discussing my resume, and then they asked a few basic coding questions.



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Name: Vaibhav Sachan

ID Number: 2018AAPS0410H

CGPA: 7.93

Role: SDE

Recruiting Process:

1st Round - Coding Test

2nd Round - DSA-based round - Was asked 2 questions in 1 hour.

3rd Round - DSA-based round - 2 questions of easy-medium difficulty level.

When did you seriously start preparing?

I started my prep from the time of summer internships. I went on to first complete the MIT lectures on algorithms. After that, I started to solve the 450 DSA sheet by Love Babbar and side by side started coding on code forces. Once I got a good hold I went on to leetcode medium questions that were asked in most of the company interviews. I followed YouTube playlists to cover topics like OOPS, OS and DBMS.

Topics/ Skills essential/ recommended for selection:

- DSA
- System Design
- OS
- OOPS
- DBMS

Sources that helped in preparation:

1. 450 by Love Babbar - YouTube
2. DP playlist of Aditya Verma - YouTube
3. Codeforces blogs for graphs





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Gap Inc.

Eligibility: B.E. CS /ET

CGPA Cut-off: None

Roles: Software Developer

Selects: 3

Selection Rounds: 3

CTC: 9 LPA



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Name: Harshini Durga

ID Number: 2018A8PS0048H

CGPA: 7.52

Role: Software Developer

Recruitment Procedure:

1st Round: Online Evaluation Test - Aptitude questions were fairly simple.

2nd Round: Interview Round - coding questions were asked in this round , i had to solve questions in the presence of the interviewer.

3rd Round: HR Round(15 mins) - Very easy round. Basic questions about myself, why gap inc.,why IT sector etc. Just be confident while answering these questions

When did you seriously start preparing?

I started preparing from the very start of the placement session. Practiced questions on various coding platforms and stuck to one in the meantime .

Topics/ Skills essential/ recommended for selection:

Java coding language is a must to learn nowadays in companies because it is extensively used.

Sources that helped in preparation:

1. GFG, Leetcode,
2. Placement Unit provided Mock Tests and Questions



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Important Tips / Suggestions:

Become proficient at DSA. From then onwards it depends on your ability to broaden your horizons to think more and thus, be able to overcome the massive boulder of solving tough problems!



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GE Healthcare

GE Healthcare

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: Edison Engineer / SDE

Selects: 3

Selection Rounds: 5

CTC: 16 LPA



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Name: Akshat Bajpai

ID Number: 2018A7PS0498H

CGPA: 7.69

Role: EEDP

Recruitment Procedure:

1st Round: Online Pymetrics test

2nd Round: Online assessment (CS MCQs and 2 coding questions)

3rd Round: Technical Round - I was asked about my projects and more about the work I did in my internships. Very interactive round where you just have to be confident and express what you have done with proper reasoning behind it.

4th Round -5th Round : Managerial Interview / HR Interview

Very easy round. Basic questions about myself, why GE Healthcare, etc. Just be confident while answering these questions

When did you seriously start preparing?

I Started around the end of the second year, mostly was focused on projects in the electives that did help later, started CC during thelms companies started to come for the summer internship

Topics/ Skills essential/ recommended for selection:

Basic understanding of SQL,Python and some bit of business understanding which can be acquired through solving case studies.

Sources that helped in preparation:

1. GFG for SQL and Python
2. resources provided by PU





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Important Tips / Suggestions:

Anything you have done can be of advantage as long as you can show that you know your stuff. Most recruiters believe they can teach you the work, you need to show your potential. Be confident while answering, remain calm, and don't think about the past results. Always take it easy! In the end, everyone gets placed :)



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Google

Eligibility: B.E. CS / ET

CGPA Cut-off: NA

Roles: SDE

Selects: 7

Selection Rounds: 3

CTC: 33.13 LPA



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Name: Pranav Rajagopalan

ID Number: 2018A7PS0177H

CGPA: 8.18

Role: SDE

Recruitment Procedure:

1st Round: Coding round question difficulty varied between sessions but was mostly 2 problems of a medium level. Tougher sessions had lower cutoffs and vice versa. Bit manipulation questions are common for Google coding rounds.

2nd Round: On the technical side, the rounds consisted only of DSA. each had 2 questions. Beyond that one of my interviewers asked me a question on "Googliness" (similar to regular behavioral questions you get in most tech interviews).

3rd Round: Technical interview: DSA level during interview rounds was easy to medium level, wide range of topics - math, greedy, dynamic programming, graphs, binary trees, etc.

When did you seriously start preparing?

Was an active competitive coder since my first year, so I only prepared for a few days before the interview after my SI had ended.

- Brushed up on topics I was weak at (linked lists, binary trees, etc) and practiced explaining my logic in a clear manner.
- Went through some resources on behavioral questions and Googliness and prepared some examples based on experiences in my SI and various group projects.





Topics/ Skills essential/ recommended for selection:

Having a strong grasp over DSA is a must. In my opinion, more emphasis is laid on your thought process and how you reach the solution than the actual solutions. Hence SPEAK OUT your thoughts: it's very very important. If the interviewer is not interested in listening to your thought process, he'll simply ask you to code directly. Otherwise it helps them to understand your solution, and to a certain extent, your thought process too.

Sources that helped in preparation:

Go through Leetcode easy and medium questions, maybe some hard questions that are tagged as asked by Google if you have enough time. If you have a lot of free time and are very comfortable with Leetcode easy and medium (and are decent at hard), try some competitive coding problems (\leq Div2C (at most Div2D) on Codeforces) to improve your ad-hoc problem solving skills.

Important Tips / Suggestions:

Get used to coding without an IDE for your interview rounds - they will be held on normal Google Docs with no formatting or autocomplete. Also try to keep your code clean and follow a consistent style in your code for brackets, variable naming, etc.

Properly prepare your DSA skills, they will make or break your interview.

Ensure you have decent work experience / projects on your resume as it plays a significant role in shortlisting even if you do well in the online coding round. Always take it easy! In the end, everyone gets placed :)





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Indeed

Eligibility: B.E. (A7)

CGPA Cut-off: None

Roles: SDE

Selects: 1

Selection Rounds: 5

CTC: 38 LPA



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Name: Vatsayayn Binay

ID Number: 2018A7PS0305H

CGPA: 7.88

Role: Software Development Engineer

Recruitment Procedure:

1st Round: Online assessment with two questions to be done in one hour. One was on binary search and other one was on maps with binary search.

2nd Round: A problem was given which required DP, graphs and maps.

3rd Round: A binary tree which uses left and right pointer to maintain structure was given and I was asked to reduce the total space that the tree occupies. Method of storing tree in array with $2i$ and $2i+1$ as indexes was to be used. Map was used to reduce the space further.

4th Round: Was asked to implement the search feature to return job posting with most matched words. Had to use a map which contains another map as its value.

5th Round: Typical managerial questions were asked. A general tip is to keep your answer as crisp and to the point as possible so that you don't give away too much info, as you never know what might lead to your rejection.

When did you seriously start preparing?

I had been doing CC since first year, but I seriously started with DSA for placements in 3-2. I didn't get an SI, so I utilized the summer vacation for preparing CDCs and rigorously do DSA as well. For DSA, my target was to do as many questions from leetcode as possible and try to look for the most optimized solution in discussions. Try to do preparations along with another person who is also serious. It keeps you motivated.





Topics/ Skills essential/ recommended for selection:

Mostly DSA was asked in the interviews with a bit of design as well. I had mentioned projects from SE, OOPS and CN in resume. There was a bit of discussion on that in the managerial round.

Sources that helped in preparation:

For DSA :-

1. Hackerearth and cp-algorithms for theory.
2. Leetcode for practice. Try to also see the time you're taking to solve a problem(subscription recommended).
3. Codeforces for contests, so that you can perform under timed pressure.

For CDC :-

1. PK biswas sir youtube videos for OS.
2. Java the complete reference, gfg and gururaj sir slides for OOPS.
3. Gururaj sir lectures for DBMS.
4. Dipanjan sir lectures for CN.

For system design and design patterns :-

1. Grokking website and gaurav sen videos.

Important Tips / Suggestions:

This year, the main focus was on DSA. But in the past, they had asked only System design based question in all 3 rounds. So don't just prepare one thing. Try to cover all the topics.





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infoedge

Infoedge

Eligibility: B.E CS, ECE, EEE, ENI

CGPA Cut-off: None

Roles: SDE

Selects: 1

Selection Rounds: 3

CTC: 12 LPA



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Name: Kushagra Gupta

ID Number: 2018A7PS0208H

CGPA: 7.73

Role: Software Developer

Recruitment Procedure:

1st Round: Online Coding Test - It had 2 questions. Both were pretty simple and common Leetcode questions.

2nd Round: Technical Interview- I was asked a few theoretical questions about web technologies, like DNS. And there was a coding question. The question was based on a binary search and was a pretty simple one. I gave multiple answers to that question, going from the total naive solutions to decently optimized to solutions that optimized for specific properties (time, memory).

3rd Round: HR Interview- We started with the basic questions "Tell me about yourself" and "Tell me your strengths/weaknesses". They also asked what I knew about the company itself where I told them some of their more popular websites and also added that I had personally used one of them.

When did you seriously start preparing?

I started placement preparations in my 3-1. But I only started serious preparations about 1 month before the placement season itself. I would solve about 2-3 Codeforces /Leetcode questions. I made sure that each question was the correct difficulty to take me between 15 to 25 mins to solve. In addition, for me personally, HR interviews are a pain point, so I spent about an hour every day going through common HR questions and their answers.





Topics/ Skills essential/ recommended for selection:

My projects were mostly not web-oriented. But they covered a wide breadth of domains and most of those are tangentially related to the web (such as database, network, serialization, etc). My theoretical knowledge of various technologies and protocols, like DNS, TCP, etc., and my DSA skills were, in my opinion, essential to my hiring.

Sources that helped in preparation:

- Codeforces
- Leetcode
- InterviewBit

Important Tips / Suggestions:

Infoedge is primarily a web company so I would suggest having some experience with web technologies. Other than that, just prepare your DSA side of things and it will be enough.





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Innominds

Innominds

Eligibility: B.E CS, ECE, EEE, ENI

CGPA Cut-off: 7.0

Roles: Java Developer

Selects: 2

Selection Rounds: 3

CTC: 8 LPA



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Name: Maneesh Babu Jasti

ID Number: 2018A7PS0221H

CGPA: 7.36

Role: Java Developer

Recruitment Procedure:

1st Round: Online Coding Test - There were 3 coding questions in a 2-hour window. The questions test the understanding of DSA and Java.

2nd Round: Technical Interview - Questions related to Java and coding round.

3rd Round: Technical & HR Interview - In-depth questions about Java and then general HR round questions about interests and goals.

When did you seriously start preparing?

Started around the summer before placements. Started practicing competitive coding 2 months before placements.

Topics/ Skills essential/ recommended for selection:

- Proficiency in coding
- Core concepts of Java, HTML, CSS, etc. are a bonus
- DSA, OOPS, C++

Sources that helped in preparation:

1. Geeks For Geeks
2. Leetcode
3. HackerRank

Important Tips / Suggestions:

Prepare in-depth for Java





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Hyderabad Campus

Jivox

Jivox

Eligibility: B.E CS, ECE, EEE, ENI

CGPA Cut-off: None

Roles: SDE

Selects: 3

Selection Rounds: 4

CTC: 22 LPA (Base) + 4.4 LPA (Joining Bonus)



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Name: Arpit Adlakha

ID Number: 2018A7PS0250H

CGPA: 7.92

Role: SDE (Backend)

Recruitment Procedure:

1st Round: Online Coding Test- Medium level leetcode questions

2nd Round: Technical Interview- One question from the linked list and one from Dynamic Programming were asked.

3rd Round: Technical Interview- There was some discussion about my favorite project and it was followed by a DSA question. The questions were medium-level leetcode questions.

4th Round: Technical Interview- The third round was a system design round, and I was asked to design a chess game. It also had questions about basic time complexity few questions about basic cs fundamentals, like How much space would your name take in the memory? Would it differ with language? e.t.c
The interviewer also asked a few basic physics questions to understand my problem-solving skill.

When did you seriously start preparing?

I had been preparing for some time but my major preparation started around the summer vacation. Geeks For Geeks was the main source of all my preparation.





Topics/ Skills essential/ recommended for selection:

- Standard DSA especially Greedy and DP and System design are important.
- Any good project with applied OOPS concepts and a good explanation of the work.

Sources that helped in preparation:

1. Geeks For Geeks as they have a must-do interview questions course that was very helpful.
2. Leetcode medium-level questions with some famous hard-level questions is best for preparation.
3. Parallely doing cp for time and stress management would be the cherry on the top.

Important Tips / Suggestions:

Apart from DSA, do give some time to learn about low-level system design (there are some YouTube playlists available for the same).





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KFin Technologies Limited

Eligibility: B.E CS, ECE, EEE, ENI

CGPA Cut-off: None

Roles: Management Trainee

Selects: 3

Selection Rounds: 3

CTC: 10 LPA



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Name: Siddhant Thakare

ID Number: 2018AAPS0505H

CGPA: 8.2

Role: Management Trainee

Recruitment Procedure:

1st Round: Online Coding Test - The questions which were asked in this round were quite simple compared to other companies which were offering ~20 LPA.

2nd Round: Technical Interview - The interview was simple as well, all the questions were to test if I can think to create a solution or not. The thought process and problem-solving technique were tested.

3rd Round: Technical Interview - This round was to test the basic coding fundamentals. The question was simple and was to find the duplicates in two arrays.

Topics/ Skills essential/ recommended for selection:

1. DSA, DBMS and OOPS
2. Competitive Coding

Sources that helped in preparation:

1. Geeks For Geeks
2. Leetcode



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L&T Infotech

L&T Infotech

Eligibility: B.E. (A1,A2,A4)

CGPA Cut-off: None

Roles: Oil n Gas Specialist, Graduate Engineer Trainee

Selects: 6

Selection Rounds: 3

CTC: 9 LPA



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Name: Gouri Karthik Gembali

ID Number: 2018A1PS0038H

CGPA: 7.48

Role: Oil n Gas Specialist, IIOT Business Unit

Recruitment Procedure:

1st Round: General Aptitude and Coding Test - The test round included questions on Basic Maths, Aptitude, Logical reasoning, Coding questions, English (listening, writing, speaking, reading), and Personality questions.

2nd Round: Technical Interview- The Technical interview included questions which are from the subjects of your choice which you mentioned in your resume. My questions were mostly about Mass and Heat transfer and petroleum refining technology since the job role is for oil and gas. The remaining questions were based on the projects I did. My projects are based on Transport phenomena, PS1 project was related to Petroleum industry operations, and thermodynamics.

3rd Round: HR Interview- The HR round included very basic and simple questions based on your flexibility of work, your satisfaction with compensation, your motivation, and management in work, etc.

When did you seriously start preparing?

I have started my placement preparation from July 2021. I attempted a few tests of Aptitude and English from the placement portal given to us and that gave me an idea of how to go with the test rounds. And I have basic knowledge of programming languages like Python and C, which helped me in the coding tests. I have referred few GATE coaching materials and Prominent YouTube lectures for having a better grip on Unit operations and Petroleum refining concepts. And I have performed a few mock



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interviews in college and also with my friends which helped me to gain enough confidence to go through interview rounds.

Topics/ Skills essential/ recommended for selection:

1. For the Test round, we need to have good aptitude and general math skills. They account for a higher weightage in the test. Having an idea in at least one programming language is quite useful to solve coding questions which are of a very basic level. Basic English is tested in all 4 areas: Reading, Writing, Listening and Speaking. No extra preparation is required in this section as it is of a basic level. Personality questions are not of higher importance, they are just to know your understanding of your abilities.
2. Chemical engineering requires a few major subjects to be grasped like Mass transfer, Heat transfer, Petroleum refining technology, and Process Control and Dynamics which are the fundamentals in the core industry working. Since my role is core chemical-based, one needs to be strong in the fundamentals of unit operations and chemical technology. Technical interview only tests us in these fundamentals. Other subjects can be glanced for reference. Having done any projects in the academic period is so important for one to be considered. Having more projects or research publications done will fetch you more preference for the interviewer for shortlisting to HR. Projects dealing with Petroleum refining, Transport phenomena, and Process designing will help in having special knowledge in the respective areas where the company is more focused.
3. Finally for the HR round, one should have self-confidence in themselves. Accepting the job under any condition will favor your opportunity in selection.

Sources that helped in preparation:

1. GATE Coaching materials - Unit Operations and Chemical Technology are of high importance.
2. YouTube lectures on concepts will help in better understanding.





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Important Tips / Suggestions:

Patience is required to attempt the Test round as it is quite lengthy and needs more time to be involved. Having projects in the Core chemical discipline is foremost important to get an impression in the eyes of the interviewer. Good knowledge of Mass transfer and petroleum refining is required. Confidence is the key to pass any interview.



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Name: Shuddhabho Nandi

ID Number: 2018A3PS0563H

CGPA: 7.57

Role: Graduate Engineer Trainee in Cloud Team

Recruitment Procedure:

1st Round: General Aptitude and Coding Test - Aptitude+Personality+Coding questions

2nd Round: Technical Interview- A brief discussion on the Resume and projects mentioned followed by a few questions on Basic Coding Concepts and DSA.

3rd Round: HR Interview- The HR round included very basic and simple questions on the career path and future goals.

When did you seriously start preparing?

Seriously started preparing in May 2021. I prepared primarily for IT roles (InterviewBit, Leetcode) but also did secondary preparation for non-tech (Case studies).

Topics/ Skills essential/ recommended for selection:

1. Basics of DSA and OOP.
2. Strong knowledge of projects mentioned in the Resume.
3. Knowledge of basic DSA concepts until trees are necessary.
4. Any Java-based projects will be a bonus, though not critical.

Sources that helped in preparation:

1. InterviewBit
2. Leetcode
3. W3schools (for SQL)
4. Geeks for Geeks (for conceptual doubts and puzzles)



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Important Tips / Suggestions:

Be very thorough with the projects mentioned in your Resume and have good knowledge of DSA.



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MEDIBUDDY

Eligibility: B.E. All

CGPA Cut-off: None

Roles: SDE

Selects: 2

Selection Rounds: 3

CTC: 15 LPA



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Name: Burra Mani Vishal

ID Number: 2018A3PS0662H

CGPA: 6.9

Role: Backend Developer

Recruitment Procedure:

Round 1 - Coding Round

Round 2 - Technical Interview - Medium difficulty questions

Round 3 - HR Round - managerial questions

When did you seriously start preparing?

I started preparing for the placements in 3-1. But honestly i think 3-4 months prep will do enough. Seniors helped me a lot in the preparations, Do take the suggestions from them.

Topics/ Skills essential/ recommended for selection:

Node.js, C++, Webdevelopment

Sources that helped in preparation:

striver sheet, interview bit

Important Tips / Suggestions:

Focus on technologies like MERN and do competitive coding.



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Navi Technologies

Eligibility: B.E. (ECE/EEE/ENI)

CGPA Cut-off: None

Role(s): SDE

Selects: 7

Selection Rounds: 3

CTC: 29 LPA



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Name: Rohan Sinha

ID Number: 2018A7PS0417H

CGPA: 7.8

Role: SDE-1

Recruitment Procedure:

There were four rounds (one written round followed by two technical interviews)

Round 1: Online Test:

It consisted of 4 sections. 2 sections consisted of MCQs of aptitude and logical reasoning. The third section had 2 coding questions, which were of easy-medium difficulty on the topics of DP and Binary Search. The fourth section consisted of 1 medium-hard DP problem.

Round 2: Technical Interview:

The interview started with a formal introduction. Then 2 DSA questions were asked. One related to connected components in a graph and the second about excel sheet column-title conversion from Letters to Numbers.

Round 3: Hiring Manager Round:

The interview started with a formal introduction and the interviewer made sure that I was

comfortable. We had an extensive discussion on my projects related to OOP and DBMS.

Then he asked some standard OOP questions (Polymorphism, Inheritance, Encaps, etc) and some SQL queries and theoretical questions (mostly related to join operations).

Round 4: HR round:

HR round consisted of a productive discussion about the company.

I asked some questions related to Navi and he answered them very clearly.





I was asked about my projects (just an overview) and some basic HR questions. It was pretty chill.

When did you seriously start preparing?

Started the prep in 3-1, but wholeheartedly in 3-2. Started with solving Leetcode medium problems. Faced difficulties in the beginning but became comfortable gradually. Referred to Youtube to learn various new topics and strategies. Went through questions on Graph and DP from Love Babbar's 450 Questions sheet.

Topics/ Skills essential/ recommended for selection:

DSA should be a top priority. Focus on solving easy to medium problems from all topics, and try to understand the pattern of questions asked in online rounds/interviews(Use LeetCode for this). There are some fundamental questions in each topic, try to solve them as well. Covering fundamental questions in DP and Graphs can help you navigate their variations in online rounds/interviews.

Projects are a big plus, but only if you can explain what you did clearly to the interviewer.

Give some mock interviews with your friends, or watch some mock interviews on YouTube.

Again, DSA should be the priority. If you are able to explain coding solutions/topics to your friends clearly, you are good to go.

You can also join some public discord/telegram groups to surround yourself with people who are also preparing for interviews.

Give regular contests on Codeforces/Codechef/LeetCode and/or any platform of your choice. The idea is to solve questions within a specified time. Discuss/Upsolve questions after each contest.

Sources that helped in preparation:

Codeforces, Codechef, LeetCode, GeeksforGeeks, Youtube





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NCR Corporation

Eligibility: B.E (CS, ECE, EEE, ENI)

CGPA Cut-off: 6.5

Roles: SDE

Selects: 8

Selection Rounds: 5

CTC: 12 LPA



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Name: Tadinada Vamsi Krishna

ID Number: 2018A8PS0929H

CGPA: 7.07

Role: SDE

Recruitment Procedure:

1st Round: Online Coding Round on HackerRank. 2-3 easy to medium level questions based on Strings and Dynamic Programming.

2nd Round: Only technical, questions from DSA, basic questions from CS fundamentals like OOP, OS and DBMS with focus on OOP.

3rd Round: Managerial round, technical + behavioral questions as well as puzzles and logical reasoning questions.

4th Round: Resume discussion and behavioral questions

5th Round: HR round-general discussion, no technical questions

When did you seriously start preparing?

April ending - May starting. Prepared almost exclusively from leetcode alongside courses/YouTube tutorials for DSA. Brushed up on CS fundamentals from frequently asked interview questions (geeks for geeks) and YouTube playlists.

Topics/ Skills essential/ recommended for selection:

My interviewer focused on OOP more than any other topic(more than DSA) with a majority of questions from polymorphism, inheritance and virtual functions(for C++). Projects are not compulsory to have but you will be asked questions on whatever is on your resume without a doubt. Rounds 3 and 4 of the interview will expect you to have





some knowledge about the company but not much, watching a 10 min YouTube video before the interview should be enough.

Sources that helped in preparation:

1. Leetcode and Coursera courses for DSA.
2. Random YouTube playlists for CS fundamentals (any popular one will do)

Important Tips / Suggestions:

Be clear with CS fundamentals. It's okay to say "I don't know this" in an interview but it's not okay to try and confidently give an answer you made up, if you're not sure about the answer you give let your interviewer know that. Be interactive and keep talking to your interviewer and explain your thought process, never completely stop talking for more than 5 mins even if you're solving a problem. Watch a 10-15 min YouTube video of what the company does and be prepared to answer "why do you want to join us".





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NielsenIQ

Eligibility: B.E.(CS/ECE/EEE/ENI)

CGPA Cut-off: None

Roles: SDE

Selects: 3

Selection Rounds: 2

CTC: 11.79 LPA



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Name: Aniket Goswami

ID Number: 2018A7PS0212H

CGPA: 7.31

Role: SDE

Recruitment Procedure:

1st Round: The first round was a coding test on a platform called Codility. There were three coding questions of easy to medium difficulty level. There were a few MCQs on DSA, DBMS and OOPS, and a few on logical reasoning. The test was for an hour and a half. Around 20 people were shortlisted for interviews.

2nd Round: It was a tech round. I was asked a few DSA questions of easy to medium level. One of them was to create an algorithm to find the missing number in a set of n consecutive numbers:

<https://www.geeksforgeeks.org/find-the-missing-number/>

I was also asked to design an algorithm for the level-wise traversal of a tree:

<https://www.geeksforgeeks.org/level-order-tree-traversal/>

There were a few questions on CS fundamentals such as polymorphism and inheritance in Java, difference between delete and truncate in SQL, and the difference between mutex and semaphores.

Around 6 people were shortlisted for the next round.

3rd Round: It was a tech cum HR round. There were a few questions on operating systems, testing and only one DSA question related to finding duplicates in an array.

<https://leetcode.com/problems/find-the-duplicate-number/>

I was asked a few behavioral questions related to conflict resolution in a team.





When did you seriously start preparing?

I started preparing pretty late, only from around April. I would suggest starting by February at least. I mainly used Interviewbit as I did not have a lot of time, but if you do have time, please use Leetcode for a wider array of questions. For OOPs, OS and DBMS articles on GeeksforGeeks should be sufficient.

Topics/ Skills essential/ recommended for selection:

DSA with good practice at calculating complexity of code.

Basic knowledge of OOPs, OS and DBMS, in that order.

Projects are not very important, a few course projects should be more than enough. However, know your projects well and prepare for questions.

Sources that helped in preparation:

Resources shared by Placement Unit, Interviewbit, Leetcode, GFG, Youtube channels like Keerti Purswani when you get stuck with a particular question

Important Tips / Suggestions:

Practice DSA (and I cannot stress this enough) as much as you can. Fresher placements are almost entirely about DSA. Do pick up the basics of CS fundamentals such as OOPs, OS etc. Know the implementation and complexities of all data structures you use to code in the language you use (HashMap, vectors etc.).

Above all, be confident and relax.





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o9 Solutions

Eligibility: B.E.(CS/ECE/EEE/ENI)

CGPA Cut-off: NA

Roles: Associate DevOps Engineer

Selects: 1

Selection Rounds: 4

CTC: 12.72 LPA



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Name: Param Bhatt

ID Number: 2018A8PS0862H

CGPA: 7.87

Role: Associate DevOps Engineer

Recruitment Procedure:

The selection criteria was a mix of everything : DSA, development principles, experience as well as knowledge of multiple concepts like version control, http requests etc.

There was an initial DSA round, followed by a couple of technical + DSA rounds.

In total , about 3-4 rounds. The last round was the HR / managerial round + tech round combined.

When did you seriously start preparing?

I started preparing seriously from the month of July itself. I had decent experience, knowledge and confidence in myself on the technical topics like Version Control, OOPS, DBMS, Development Principles and Web related concepts. Since my major experience as well as projects included mern stack and web development, I knew about the http protocols, encryption, cyber security, the html dom model, javascript and framework knowledge, SEO, deployment, CI/CD etc. While exploring during college years, I came across multiple technologies like IoT, computer graphics, DS, ML, AI, SEO etc which gave me a basic idea of how all the technologies came together to give a finished project.

My major flaw was in DSA which I had brushed up over the course of my 3rd year and prepared for well before the placement cycle began. After the cycle began, it was mainly my ID Number and CGPA that often held me back, and with large companies sometimes I would have a bad day or encounter an unknown DSA concept. So during my cycle, I would mainly shore up these gaps, and revise some theories that were asked for the respective companies elsewhere.





Topics/ Skills essential/ recommended for selection:

o9 Solutions were specifically looking for candidates who have diversified their portfolio, with a variety of experience but focused on devops.

Critical skills :

Full stack web development

Knowledge of javascript and frameworks

Clarity in OOPS concepts

DBMS (esp the nosql dbs like mongo)

Deployment process

Knowledge or an idea of cloud computing

Scripting with python/bash

Any additional experience or projects that I was able to fully make on my own, and explain its working was an added bonus for me. For example, I had multiple live projects to my name and my summer internship was in this field as well

Sources that helped in preparation:

GeeksforGeeks, Interviewbit, Leetcode

Important Tips / Suggestions:

Have a proper understanding of how a website works, be thorough in web dev concepts along with networking, security and encryption and backend dev skills. Don't bluff, instead an honest answer helped me during my interview.

They focus more on your development skills than DSA skills, so if you're a bit weaker in DSA but can showcase your portfolio (for example, make a live website for your CV), you still have a good chance.





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PayPal

Eligibility: B.E.(CS/ECE/EEE/ENI)

CGPA Cut-off: NA

Roles: Software Engineer - I

Selects: 4

Selection Rounds: 4



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Name: Manish Modwani

ID Number: 2018A3PS0604H

CGPA: 8

Role: Software Engineer-I

CTC: 31 LPA

Recruitment Procedure:

1st Round: Online Coding Round

2nd Round: Was asked a few DSA questions (Leetcode Medium). One was based on simple BFS. The other was Leetcode's Rainwater Trapping question. After answering those, I was asked to implement LFU and LRU cache (Leetcode) and provide as many approaches as I could.

3rd Round: The interviewer asked me basic OOP questions, a few questions based on my projects and then moved on to DSA.

Q1. Median in a stream.

Q2. N queens(both questions are there on Leetcode/GeeksforGeeks)

4th Round: HR Round-The interviewer asked me about my interests and questions related to my resume.

When did you seriously start preparing?

Started preparing after PS-1. Completed Demux Academy's DSA course. Did questions on Leetcode and GFG. For OOP and DBMS, resources on GFG were enough.

Topics/ Skills essential/ recommended for selection:

DP, Graphs, Basic Data structures, OOP concepts, Full stack projects



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Sources that helped in preparation:

For DSA, I completed Demux Academy's course. OOP and DBMS from GFG, System Design from Demux as well.

Important Tips / Suggestions:

Strong DSA & OOP Skills are a must. Go through the GFG Archives for company specific interviews



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Name: Akshay Tomar

ID Number: 2018AAPS0409H

CGPA: 8.25

Role: Software Engineer-I

CTC: 27 LPA

Recruitment Procedure:

1st Round: Online Test: There were two questions, first one was leetcode easy level question, other one was of DP medium-hard level. Only people who solved both questions got shortlisted for the interview.

2nd Round: Interview round 1: It was majorly based on DSA, I was asked two DSA questions, first one was checking if the sequence of opening and closing parenthesis and other brackets was correct. I was asked to type the optimized code of the same on a google doc shared by the interviewer.

Next question was, if given a set of random words from some parallel world dictionary, I need to deduce the correct order of alphabets in the parallel word and if the set of words are contradictory or not enough to deduce the correct order print the appropriate message. I was not asked to code this and the interviewer majorly focused on my approach. I solved it using a graph.

In the last 10 mins of the round, the interviewer asked me to develop an ER diagram for the data stored by E-commerce platforms. Later I was asked a few analytical questions like how can an e-commerce delivery in a city be made faster and cost effective.

3rd Round: Interview Round 2: This was a system design round, I was asked how would I design a platform and what all features would I include? Some questions regarding DNS and IP blocking service.





4th Round: HR Round: It was purely behavioral, I was asked to share some learning stories, what did I enjoy the most during my 4 years at BITS, some condition based questions.

When did you seriously start preparing?

I started in June, having done OOPs course really well, I felt confident on that front. All my efforts in the 2 months I had were dedicated to DSA. During last two weeks, I revised DBMS and watched Gaurav Sen's playlist for System Design.

Topics/ Skills essential/ recommended for selection:

OOPs project, DBMS project.

Top skills: DSA, Java, ER Diagrams, System Design

Sources that helped in preparation:

For DSA I preferred leetcode and curated questions(around 450) by Lov Babbar. This curated list is really helpful for the interview, even if you don't solve all of them at least you must go through the solutions.

OOPs: Java the complete reference first 13 chapters, that's all you'll need.

DBMS: Geeks for Geeks lectures (total length some 5-6 hours) that's majorly all you need unless you get stuck with some DB freak interviewer.

OS: Again geeks for geeks lectures (total length around 5 hours) should be enough

System design: Gaurav Sen's playlist on youtube.

Important Tips / Suggestions:

Don't miss out on OOPs, DBMS and a bit of system design. Operating Systems and computer networks are not of much relevance for this company.





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PEPSICO

Pepsico

Eligibility: B.E. All

CGPA Cut-off:

Roles: Graduate Engineer Trainee

Selects: 6

Selection Rounds: 4

CTC: 10-11 LPA



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Name: Praveenkumar R

ID Number: 2017B4A41148H

CGPA: 6.87

Role: Graduate Engineer Trainee

Recruitment Procedure:

1st Round: Aptitude Test: 36 MCQ questions based on patterns, basic Algebra, Aptitude and Data Analysis with a duration of 45 minutes

2nd Round: Group Discussion: A 3 Part (20 min) discussion on a general technology based topic (Sustainable Development using Technology) involving 6 candidates in each group (Probably about 7-8 groups). Part -1: Opening remarks, Part -2: Open debate, Part-3: Closing Remarks. 11 candidates made it to the next round.

3rd Round: Technical Interview: Two Interviewers, One asked a few HR and managerial Questions along with two puzzles. Other one asked about Internship(PS-2) and resume based questions. Some Excel and SQL questions were asked as well. 6 candidates were selected for the next round.

4th Round: HR Interview (Not Eliminary)

When did you seriously start preparing?

I started preparing from the second last week of December. Formed a peer group and prepared for case studies and guesstimates. Prepared for SQL, Python using Datacamp.



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Topics/ Skills essential/ recommended for selection:

SQL, Excel, Puzzle solving PS-2 Project. Most interviews will concentrate on internship projects. brush up on what you did in it, and be ready to answer any questions that can come from it.

Sources that helped in preparation:

DataCamp (Python, SQL)
Cantilever Labs guides (Guesstimates, Resume, Mock Interview etc.)
Placement Unit materials (Quant and Aptitude) and Case Study Books from various institutes (BITS-G,H , IITB, IIMA, FMS)

Important Tips / Suggestions:

Start your Preparation for Placements early. The sooner the better
Brush up SQL, Excel and Python skills, and other BI tools
Be thorough with your resume, and be prepared for questions from each and every section of it.





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PharmEasy

Eligibility: B.E CS/ET

CGPA Cut-off: NA

Roles: Data Analyst

Selects: 1

Selection Rounds: 3

CTC: 19 LPA



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Name: Aakash Bansal

ID Number: 2018AAPS0418H

CGPA: 7.88

Role: Data Analyst

Recruitment Procedure:

- 2 Technical Rounds
- 1 HR Round

What was the selection criteria?

- Resume Shortlist
- 2 Technical Rounds
- 1 HR Round

When did you seriously start preparing?

- Three months before placements
- Case Studies
- Data Science Projects

Topics/ Skills essential/ recommended for selection:

- Python
- Case Studies
- Guesstimates



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PhonePe

Eligibility: B.E. CS/ET

CGPA Cut-off: None

Roles: SDE

Selects: 4

Selection Rounds: 4

CTC: 33 LPA



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Name: Mudit Chaturvedi

ID Number: 2018A7PS0248H

CGPA: 8.32

Role: SDE

Recruitment Procedure:

1st Round: Coding round: 4 DSA questions from graphs, dynamic programming and trees. Each question was of 100 marks. Students who scored higher than 250 (approximately) were shortlisted for interviews (partial marking on the basis of number of test cases passed). Questions were easy(1), medium(1) and hard(2) Leetcode difficulty level.

2nd Round: 1st Tech interview: General discussion on resume and basic OOPs and DBMS questions. This was followed by 2 coding questions, the first one was a logic and pattern based question. The coding part wasn't difficult but figuring out the pattern and approach took some time (General advice: try out as many test cases as possible to find a pattern), the 2nd question was based on a 2 pointer approach (easy). I was able to solve/answer all questions

3rd Round: 2nd tech interview: Discussion on resume followed by 2 coding questions, first one was based on dynamic programming and second one on graphs. The second question was more of a combination of DP and graph but once you try to break it down to simpler statements it was much easier. I was able to solve/answer all questions but needed a pointer from the interviewer for solving the second one.

4th Round: HR round: Discussion on resume, courses, plans for the future. Why PhonePe? Typical HR round questions, if you are able to come up with something that was said in the company ppt then better.





When did you seriously start preparing?

I started my placement preparation after 23rd July (after SI, didn't get the PPO), which is pretty late but since I had prepared a little bit for the campus internship drive in 3-1, I was able to cover major topics. I started with InterviewBit and GFG, for brushing up basics then moved on to practicing on LeetCode. Participating in contests on Codeforces helped me improve my speed. GFG is the best source for covering the basics of all topics. Since I had my notes from OOPs, DBMS and OS courses, I was able to revise them in a couple of days and spend more time on CC and DSA.

Topics/ Skills essential/ recommended for selection:

College courses: OOPs, DBMS, OS

Projects: Cab booking application (OOPs), Chatbot (AI), Context-Aware Recommender Systems (Project and IR)

Try to highlight the dev projects more, but if you don't have many on your resume then you can talk about ML/DS projects as well as long as you are able to explain the project and answer the interviewer's questions on them.

Sources that helped in preparation:

Practice- Leetcode

Basics- InterviewBit and GFG

Speed- Codeforces

Special mention - Aditya Verma's playlist for Dynamic Programming

Important Tips / Suggestions:

Grind leetcode, problems asked are straight out of leetcode. Be well versed with all the internships and projects mentioned on your resume and practice answering standard questions based on your resume. For tech rounds ask questions before starting to code, explain your approach well and think out loud. For HR round be prepared with crisp answers for typical questions like why this company etc.





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General piece of advice, be familiar with the drawbacks of your coding and design choices and a crisp answer for "what would you do differently if you take this project up now?"



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PROVIDENCE GLOBAL CENTER

Eligibility: B.E. CS

CGPA Cut-off: NA

Roles: SDE

Selects: 1

Selection Rounds: 3

CTC: 17 LPA



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Name: Meganaa Reddy

ID Number: 2017B3A70973H

CGPA: 8.62

Role: SDE

Recruitment Procedure:

- Online round - MCQ plus 2 medium level questions
- 1st interview - I was asked a data science question to write a code in python to perform preprocessing in a simple way
- One question from the string in C++

What were the selection criteria?

- Online round plus 2 technical rounds

When did you seriously start preparing?

Prepared for SI since Jan and revised for placements in July -August

What were some critical topics/skills and projects essential for the process?

- AI and IR projects on my resume
- My SI experience
- DSA

Sources that helped in preparation:

- Leetcode
- InterviewBit



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PUBLICIS SAPIENT

Eligibility: B.E. CS/ECE/EEE/ENI

CGPA Cut-off: 6.5

Roles: Associate SDE

Selects: 11

Selection Rounds: 3

CTC: 15.3 LPA



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Name: Saksham Pandey

ID Number: 2018A7PS0259H

CGPA: 8.1

Role: Associate SDE

Recruitment Procedure:

1. Coding Test:

Two problems, 75 Minutes. One was a straightforward Arrays based problem, another one was based on priority queues.

2. Technical Interview:

The interview was completely based on the Job Description. Make sure to go through it thoroughly. Projects and resumes weren't given significant importance in 'my' interview.

3. HR Interview:

This was basically a behavioural interview. I was asked to describe myself, standard strengths and weaknesses kinda questions and how I would react in given particular situations. The interviewer also focused on non-technical aspects of my resume.

What were the selection criteria?

- DSA
- CSE basics

When did you seriously start preparing?

A month and a half before getting placed and followed leet-code and hacker-rank questions.





What were some critical topics/skills and projects essential for the process?

- DSA
- Fundamentals of OOPS
- OS
- DBMS

Sources that helped in preparation:

- Leetcode
- Codeforces
- Hackerrank
- Geeksforgeeks for the fundamentals

Your suggestions to someone preparing to appear in this company?

- Easy DSA questions
- More focused on OOPs and OS fundamentals
- Quick thinking in daily life was a requisite for the HR interview.





Name: Maryada Sahithi Reddy

ID Number: 2018AAPS0467H

CGPA: 7.69

Role: Associate SDE

Recruitment Procedure:

1. Coding Test:

Two problems, 75 Minutes. One was a straightforward Arrays based problem, another one was based on priority queues. I couldn't pass all the test cases for one.

2. Technical Interview:

It didn't go very well honestly. Being from ECE, I couldn't answer most of the technical questions other than DSA and OOP. I was asked to solve a simple linked list problem. Do note that the interview was completely based on the Job Description. Make sure to go through it thoroughly. Projects and resumes weren't given significant importance in 'my' interview.

3. HR Interview:

This was basically a behavioural interview. I was asked to describe myself, standard strengths and weaknesses kinda questions and how I would react in given particular situations. The interviewer also focused on non-technical aspects of my resume.

What were the selection criteria?

- CGPA>6.5
- ID Number- CSE/ECE





When did you seriously start preparing?

I started serious preparation in June. I would recommend starting well before that. I concentrated majorly on DSA and OOP. If you do not have enough time, do not panic. Prioritize DSA and problem-solving.

What were some critical topics/skills and projects essential for the process?

- The importance of DSA can't be emphasized enough. OOP, OS, and DBMS are all secondary to DSA and problem-solving skills.
- I took OOP in 3-2 and the only relevant project on my resume was the one I did as a part of that course. Don't beat yourself up for not having many projects to put on your resume. One is good enough if you are technically adept and confident to discuss during the interviews.

Sources that helped in preparation:

- I heavily relied on Placement 100 course by GFG. For DSA, Abdul Bari's course on Udemy is very good to understand concepts of DSA intuitively. I solved about 150 important problems on Leetcode.

Your suggestions to someone preparing to appear in this company?

Concentrate on DSA and Problem-solving. Thoroughly go through JD and resume before the technical round. Be confident and honest during the interviews. Research about the company and their values before the HR Round.

(P.S. The company expected the people who got placed in 4-1 to take a pre-joining program during 4-2 for approx. 5-7 hours during weekends. Since we also have PS-2 going on during that time, it has become quite exhausting. Take a note of this and plan 4-2 accordingly.)





Name: Nielless Acharya

ID Number: 2018A7PS0207H

CGPA: 7.03

Role: Associate SDE

Recruitment Procedure:

1. Resume Shortlisting

2. Coding Round:

Two problems, 75 Minutes. One was a straightforward Arrays based problem, another one was based on priority queues.

3. Technical Interview:

The interview was completely based on the Job Description. Make sure to go through it thoroughly. Projects and resumes weren't given significant importance in 'my' interview.

4. HR Interview:

This was basically a behavioural interview. I was asked to describe myself, standard strengths and weaknesses kinda questions and how I would react in given particular situations. The interviewer also focused on non-technical aspects of my resume.

What were the selection criteria?

- On the basis of technical knowledge and its application, problem-solving and communication skills, and the appetite to learn or receive more knowledge/information





When did you seriously start preparing?

- May 2021
- I made a timeline for the syllabus to be completed.
- Started solving as questions as possible from InterviewBit.
- Revised core concepts from DBS, OOPS, DSA and OS.
- Attended mock interviews
- Applied to all companies where I was eligible which gave me the motivation to get me going

What were some critical topics/skills and projects essential for the process?

- "Soft skills:
- Communication for interview
- Critical thinking to break down the problem
- Consistent practice (solving questions every day)

Topics:

- Greedy and DP
- Backtracking
- Bit manipulation(people usually ignore it)
- SQL
- OOPS
- Network (you can expect a few questions in the interview)
- Proficiency in any one programming language, at least

Sources that helped in preparation:

- GFG
- InterviewBit
- Leet-code
- Love Babbar(450 questions)
- Google (google anywhere you feel you're stuck)





Your suggestions to someone preparing to appear in this company?

- "ATTEND THE PRE-PLACEMENT TALK! They are very meticulous about it and please behave appropriately in the meeting. Ask questions if you can and actively listen to them. It might help you in the HR round. (applies to almost all companies you apply to)
- Coding round can be a bit tough. Couple of 3 questions from DSA to solve within 1 hour.
- The technical Interview was chill, expect some generic questions from core CS subjects (my interviewer did a rapid-fire round at the end for me) and practice some OOPS conceptual questions
- HR round was brainstorming. Will check how good a team player you are and communication is the only key to excelling this round. Getting to know some HR/Management terms, ahead of time, will be good. The interviewer asked me about the term "Agile" in software development."





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Q2 eBANKING

Eligibility: B.E. CS

CGPA Cut-off: 6

Roles: Associate Software Engineer

Selects: 4

Selection Rounds: 5

CTC: 16.5 LPA



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Name: Lokesh Mehra

ID Number: 2018A7PS0268H

CGPA: 7.06

Role: Associate Software Engineer

Recruitment Procedure:

There were 5 rounds in total. One coding test, One GD, 2 Technical rounds and finally the HR round. Coding questions were the standard DSA questions only. For OOPS and DBMS mostly the basic concepts were asked. HR questions were all the direct HR questions you will find on google.

When did you seriously start preparing?

March 2021

What were some critical topics/skills and projects essential for the process?

- Trees
- Linked List

Sources that helped in preparation:

- Leetcode
- GFG
- Codeforces



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Name: Nimish Gupta

ID Number: 2018A7PS0372H

CGPA: 7.16

Role: Associate Software Engineer

Recruitment Procedure:

Round 1: Coding round on HackerEarth

Involved medium level 2 code problems from the topics DP and Array operations.

Round 2: Group Discussion

This was conducted by an HR executive, and an on spot topic was given (about Indian Politics), and the discussion was analysed.

Round 3: Technical Round 1

This was a Face to Face Interview and consisted of a discussion about resumes and projects.

Round 4: Technical Round 2

In my opinion, this was the toughest one. The interviewer grilled me over Java language, as it was a prerequisite for the job, and asked me a lot of questions, from very easy to very tough levels.

Round 5: HR Round

This was conducted by 2 HR executives from the company. We discussed hobbies, future plans and the work ethics of the company.

What were the selection criteria?

- CGPA Cut-off: 6.0





When did you seriously start preparing?

I wasn't able to crack an SI during my 3rd year, and also couldn't give much time to coding due to my Student council duties. But after the end of 3-2, I started preparing for placements very seriously.

What were some critical topics/skills and projects essential for the process?

- DSA
- System design
- Anything that's written in the Job Description.

Sources that helped in preparation:

- I'd recommend coding sites like Leetcode, and InterviewBit as enough for someone preparing for a placement drive, as they contain more than the required material. For some difficult DSA parts like DP and Graph, I followed some YouTube channels like Love Babbar, and they taught that portion very amazingly.

Your suggestions to someone preparing to appear in this company?

Maintain your calm while answering the questions.

Relax before the interview, rather than taking it in the head. Remember you've given your best and will definitely get a good placement in the campus placement drive.





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Name: Dhiraaj Desai

ID Number: 2018A7PS0146H

CGPA: 7.58

Role: Associate Software Engineer

Recruitment Procedure:

The first two rounds were taken by technical leads where we were asked DSA and OOPs questions. The next round was taken by the Sr Engineering Manager, who asked knowledge of cloud computing, networking fundamentals and standard DSA/OOPs questions. HR round was the final one, asked how I spend my day, my thoughts about people around me, and my goals and targets.

What were the selection criteria?

- Online test followed by interviews

When did you seriously start preparing?

- Had about three months doing that, followed InterviewBit.

What were some critical topics/skills and projects essential for the process?

- DSA/OOPs



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RAZORPAY

Eligibility: B.E. CS/ECE/EEE/ENI

CGPA Cut-off: 7

Roles: Software Development Engineer

Selects: 4

Selection Rounds: 4

CTC: 29 LPA



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Name: Vanshaj Aggarwal

ID Number: 2018A7PS0309H

CGPA: 7.69

Role: Software Development Engineer

Recruitment Procedure:

- **Resume Shortlisting:-**
 - ID Numberes other than CS were rejected.
- **Online Test:-**
 - 15 MCQS+3 DSA Coding Questions(2 medium + 1 hard)
 - 1st (Difficulty-medium) BFS
 - 2nd (Difficulty-medium) Heaps
 - 3rd (Difficulty-hard) Graphs
 - I was able to do 1st and 2nd completely.
- **Interview Round 1:-**
 - DSA Round-> I was asked 2 coding questions both based on strings.
 - Q1 was based on the KMP algorithm (Difficulty- medium)
 - Q2 was based on using maps and string manipulation (Difficulty- easy)
 - Did both correctly.
- **Interview Round 2:-**
 - System Design-> I was asked to create Monopoly Game. Testing OOPS concepts and practice. The interviewer was asking questions about why I did some specific steps or why I did Number do it some other way. Another main point was to write the code in such a way that is understandable by other people and could be worked upon by others. I was not asked to run the code but some other candidates were given test cases and judged on that.
- **Interview Round 3:-**
 - Interview with Engineering Manager-> Detailed talk on 1 resume project of their choice. Their main motive is to confirm that the project was made by you and not copied. Questions about the use of DSA algorithms





usages. And one scenario-based question on a DSA algorithm (Trie in my case)."

What were the selection criteria?

- 7 CGPA

When did you seriously start preparing?

"End of 6th semester. Took a GFG course on DSA to know about algorithms and their implementations. Then started with codeforces giving contests and doing questions rating-wise and topic-wise. Then after covering almost every topic switched to leetcode. Did medium problems most of the time. Did hard level problems for 10-15 days. Kept giving codeforces contests. By the end of July got started on theoretical topics (OOPS, OS, DBMS).

Used GFG and gate smashers for this."

What were some critical topics/skills and projects essential for the process?

- My resume had course projects.
- Main project- Blockchain implementation was done during Cryptography course

Sources that helped in preparation:

- GFG
- Codeforces
- Leetcode

Your suggestions to someone preparing to appear in this company?

- Be strong in DSA, give codeforces contests weekly and use codeforces platform for brainstorming a topic and leetcode to practice it off.
- 1 good project will suffice for project-oriented rounds (even if it is a course project, just know about it in detail).
- Practice 4-5 System design questions, based on classes and inheritance.





Name: Parveen Jakhar

ID Number: 2018A7PS0623H

CGPA: 9.5

Role: Software Development Engineer

Recruitment Procedure:

- **Coding round** - 3 easy to medium level questions were there.
- **Technical Interview 1** - A very tough was being asked, I was able to reach at the solution but with lots of hints and brainstorming. (Putting your thoughts in front of the interviewer is really important, that way he/she can analyze you better and can give helpful hints)
- **Technical Interview 2** - A good application of this algorithm was being asked: <https://www.geeksforgeeks.org/merging-intervals>.
{ In both technical rounds, a code along with your approach was expected. }
- **HR Round** - A very easy question on binary search + a puzzle on 'minimal weighings required to find the odd one out, but a good amount of understanding on projects is a must.

What were the selection criteria?

- CGPA ≥ 7
- Some kind of resume shortlisting.

When did you seriously start preparing?

- I started preparing 2.5 months prior to the placement cycle.
- First 2 months I spent all my time on 3 important things - Leetcode, Leetcode and Leetcode. Then in last 15 days I cover the basics of important CS CDCs (OS, DBMS and OOPS)."





What were some critical topics/skills and projects essential for the process?

- Data structures
- OS
- OOPS
- At least 2 big enough projects

Sources that helped in preparation:

- Leetcode
- GeeksForGeeks

Your suggestions to someone preparing to appear in this company?

Do not run behind no. of projects or no. of questions solved, instead, try to focus on the quality and the depth you can get out of the fewer things you do.





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Regology Inc

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: SDE

Selects: 2

Selection Rounds: 2

CTC: 15 LPA



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Name: Divyansh Pandey

ID Number: 2018A1TS0074H

CGPA: 8.81

Role: SDE

Recruitment Procedure:

1st Round: Resume shortlisting

2nd Round: Technical interview 1- Lasted for 1 hour. Questions were based on knowledge of coding.

3rd Round: Technical interview 2- Tougher than the previous interview. Judged based on your coding and logical reasoning skills.

When did you seriously start preparing?

At the end of 4-1.

Topics/ Skills essential/ recommended for selection:

Good logical reasoning and coding skills and enthusiast for ML/AI, DSA, OOPS, projects related to data science.

Sources that helped in preparation:

Not any one source in particular.

Important Tips / Suggestions:

Learn the basics of data science and CS and few projects are more than sufficient.



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S&P Global

Market Intelligence

S & P Global

Eligibility: B.E. CS/ECE/EEE/ENI

CGPA Cut-off: None

Roles: Software Engineer

Selects: 1

Selection Rounds: 3

CTC: 10.5 LPA



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Name: Arundhan Reddy M

ID Number: 2017B3A70889H

CGPA: 7.61

Role: Software Engineer

Recruitment Procedure:

1st Round: Coding round: normal Coding questions of average level.

2nd Round: Technical Interview:

Two were there as interviewers. Went for 1 hr without any coding questions.

3rd Round: HR Interview

When did you seriously start preparing?

Two months before itself we have to be thorough with the basic coding and DSA concepts.

Topics/ Skills essential/ recommended for selection:

DSA, DBMS.

Sources that helped in preparation:

Do at least one problem per bucket from Interviewbit, also GFG is Bible for Interviews but it cannot be completed due to its being a huge resource. So, that may account for demotivation. Leetcode is also a great source. It's more about even after seeing the answer we have to practice once to become a better coder to put our logic in the form of code.

Geeks for Geeks: for previous Coding questions

Leetcode, Interview bit: for a lot of practice





Important Tips / Suggestions:

Be thorough with concepts. Apart from that preparing for the Interview is also necessary.

Any other relevant information:

More information on what questions were asked in technical interviews is given below:

- Which place you are located at
 - Tell me about yourself
 - Seven-layer ISO architecture
 - Virtual memory
 - ACID properties
 - Security to a website – https
 - Recent downtime for FB reasons
 - What are your weaknesses
 - How do you decide the security of a website
 - What's an API
 - Which is more secure get or post
 - What is indexing
 - How do you do testing of any software
 - What do you know about S&P global
 - What is the scrum model of working,
 - What is the last meeting which is kept for assessing the product that is made in sprints – is assessed by all of the team members, is called
 - Do you know about any libraries in Google API that is mentioned in
 - What are DDL, DML, and its examples
 - What is your dream company

Questions asked in HR Interview:

- Many questions about projects went really deep?
- How would we get a deeper understanding of anything? Say C# language





- Are you an introvert or extrovert? What are any bad situations that you would be facing by being an extrovert
- Why do you choose our company?
- Are you OK to be relocated?
- Do you have any questions
- What are your career goals
- In the DBMS project, you know Normal Forms – explain them
- What is the exact meaning of functional dependency
- What did you do as front End Developer
- What did you do in your MERN stack project
- What is your favorite subject
- In which area do you like to work Front End, Back End, or Big Data
- Why do you think there is only one thing for Front End: React
- How do you use joins in Back End?





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Sainapse

Eligibility: B.E. CS/ECE/EEE/ENI

CGPA Cut-off: None

Roles: SDE, Research Role

Selects: 4

Selection Rounds: 3

CTC: 20 LPA



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Name: Dev Kirti Phartiyal

ID Number: 2018AAPS0493H

CGPA: 8.23

Role: SDE

Recruitment Procedure:

1st Round: Resume shortlisting.

2nd Round: Technical Interview-1:

There were some basic DSA questions; had to write the code for these.

3rd Round: Technical Interview-2 (Technical + HR):

Consisted of questions on resume and also included some logical questions.

When did you seriously start preparing?

Started in April.

Topics/ Skills essential/ recommended for selection:

DSA, OOPS, DBMS, OS, are important.

Sources that helped in preparation:

Mostly used interviewbit. It had a structured section that helped to practice and keep track of the progress. Used leetcode and GeeksForGeeks at the same time to further practice some topics.

Important Tips / Suggestions:

Some information on the Technical interview:

This was followed by a backtracking question to which had to explain the solution and they were satisfied without the code. There were a couple of puzzles, they wanted me





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to explain my thought process on every step till I got to the solution. These interviews also consisted basic questions on DSA, and theoretical questions on DBMS, OS, OOPS and system design.

Any other relevant information:

Having projects in Machine learning and neural networks will also help in the interviews.



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Searce

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: Cloud Consultant, SDE

Selects: 2

Selection Rounds: 4

CTC: 12 LPA



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Name: Devanshi Singh

ID Number: 2018A1PS0952H

CGPA: 7.84

Role: Cloud Consultant

Recruitment Procedure:

1st Round: Basic aptitude.

2nd Round: Interview with VP on basic know-how of cloud and what value addition you can give the company. Along with this one case problem was asked.

3rd round and 4th round: HR questions, 2 Puzzles, 2 guesstimates.

When did you seriously start preparing?

Started preparing around May.

For guesstimates solved guesstimates for 1 week from Important Guesstimates then practiced every day 1-2 guesstimates.

Solved case interviews cracked and case interview secrets for case studies and watched Victor Cheng videos.

Topics/ Skills essential/ recommended for selection:

You should know your project content well but the major focus in consulting interviews will be case studies.

Sources that helped in preparation:

Important Guesstimates.

Case interviews cracked (Best book out there for case interviews)

Case interview secrets (Use for preparing HR questions)

Placement Unit - Aptitude Portal Questions (Are a must-solve many of the Aptitude questions were similar to those provided by PU)





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Important Tips / Suggestions:

Basic knowledge of cloud and good problem solving and communication skills are important.



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SEDEMACTM

SEDEMAC Mechatronics

Eligibility: B.E. ECE/EEE/ENI

CGPA Cut-off: None

Roles: Embedded Software Engineer

Selects: 3

Selection Rounds: 2

CTC: 13 LPA



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Name: Ashwin E

ID Number: 2018A3PS0554H

CGPA: 8.824

Role: Embedded Software Engineer

Recruitment Procedure:

1st Round: Online Test- basic C programming questions and MCQs.

2nd Round: 2 Technical Interviews- was asked to solve an aptitude question and code a small C program logic.

When did you seriously start preparing?

Seriously started preparing from the last week of May 2021. Initially went through the core electronics resources shared by the placement unit and then focused on digital design and computer architecture topics. Then went through Verilog basics. Finally, solved a few aptitude questions.

Topics/ Skills essential/ recommended for selection:

C programming, Digital Design, Computer Architecture, MPI.

Sources that helped in preparation:

Placement Unit material and GeeksforGeeks

Important Tips / Suggestions:

Need to be strong on the fundamental basics of relevant concepts.



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servicenow

ServiceNow

Eligibility: BE A7, AA, A3, A8

CGPA Cut-off: 6.5

Roles: Associate Software Engineer

Selects: 3

Selection Rounds: 5

CTC: 33.5 LPA



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Name: Rishab Nahar

ID Number: 2018A7PS0173H

CGPA: 8.63

Role: Associate Software Engineer

Recruitment Procedure:

1st Round: Online Test: It consisted of one standard DP problem and 15 MCQs related to OOPS, DBMS, and DSA concepts.

2nd Round: 4 Interviews-

2.1) Round 1: - 3 simple DSA questions related to array, linked-list, and binary trees.

2.2) Round 2: - Interview started with a small discussion on my internship projects. After that, he gave me two DSA questions which were based on Sorting and Bit Manipulation. Was able to solve the first one and gave brute force approach for the second one.

2.3) Round 3: - It was more like an HR round. Initially, we had a brief discussion on some of my projects. After that, he asked me basic HR questions like weakness, strength, etc.

2.4) Round 4: - This round was again another HR round. The interviewer asked how was my overall experience today and after that, he gave me a DFS problem.

When did you seriously start preparing?

After 3rd year in summer vacation. Started doing problems from Leetcode and gave regular contests on Codeforces and leetcode. Parallely started going through course subject through course slides, GFG, LoveBabbarRoadmap





Topics/ Skills essential/ recommended for selection:

DSA is the key to cracking any interview. Apart from it having a project which have some work related to System Design will add as an advantage. Many students were asked to design DB architecture for Facebook or Netflix.

Sources that helped in preparation:

InterviewBit, Leetcode, GeeksforGeeks, Youtube videos by Tushar Roy, Gaurav Sen, Aditya Verma (Has a very good DP playlist), LoveBabbar Roadmaps.

Important Tips / Suggestions:

Just be calm, and confident and engage the interviewer about any idea which pops in your mind while solving problems. Ask for any hints whenever you are struck rather than wasting your time.

Any other relevant information:

Link to DSA questions asked in the interviews:

- 1) <https://www.geeksforgeeks.org/a-linked-list-with-next-and-arbit-pointer/>
- 2) <https://www.geeksforgeeks.org/print-left-view-binary-tree/>
- 3) <https://www.geeksforgeeks.org/merge-3-sorted-arrays/>
- 4) <https://www.geeksforgeeks.org/merging-intervals/>





Name: Vikramjeet Das

ID Number: 2018A7PS0280H

CGPA: 9.68

Role: Associate Software Engineer

Recruitment Procedure:

1st Round: Online Test: 15 MCQs of easy to moderate difficulty, focuses on basic CS fundamentals. 1 coding question of LC easy-moderate difficulty.

2nd Round: 4 Interviews-

Interview Round 1: Very simple questions (basic operations like tree traversals, calculating tree depth, what data structure to use for some situation) based on CS fundamentals, 1 basic question to write a SQL query.

Interview Round 2: 1 question: Print matrix in zigzag order (<https://www.geeksforgeeks.org/print-matrix-in-zig-zag-fashion/>). After giving an initial solution, the interviewer started making the problem more general (take starting corner and initial move {up/down/left/right} as input). Even though you may not be able to get the most general form in a working state, thinking out loud and explaining your approach was sufficient.

Interview Round 3:

- Few questions about my past projects.
- 1 coding question: Given a friend network, find all friends within 2 distances of a given person. After this, the interviewer asked to generalize this to a k friend distance.
- 1 database design question: I was given a situation and asked to design the database, think of suitable fields and come up with the different keys.

Interview Round 4:





- Some questions on what I and the company have to offer for each other, and informal discussions on other life stuff.
- 1 coding question: Given a graph where each node has a word, which may be correctly or incorrectly spelled, create a copy of the graph (leaving the original graph unchanged) with the incorrectly spelled words replaced by the correct spelling. You can discuss multiple approaches but the interviewer was looking for a single-traversal approach. You may assume that all the dictionary stuff to check the spelling of the word and get the correct spelling is already implemented for you.

When did you seriously start preparing?

June.

Topics/ Skills essential/ recommended for selection:

Basic understanding of some DSA stuff like tree/graph traversals, database design, and interpersonal skills.

Sources that helped in preparation:

InterviewBit/LeetCode

Any other relevant information:

Be open to discussing the interview questions out loud with the interviewers. All my interviewers were open to discussing different approaches and nudging you in the right direction if you get stuck.





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Name: Tenneti Sudheer Kumar

ID Number: 2018A7PS0199H

CGPA: 8.76

Role: Associate Software Engineer

Recruitment Procedure:

1st Round: Online Test (1 hr):

It was an online exam with 5 MCQs (basics of DSA, OOPs, DBMS, OS, C Fundamentals, and Java Fundamentals) and 1 coding question (DP question. LC Easy-Medium)

MCQs are easy but one needs high accuracy.

24 students were shortlisted after this round.

2nd Round:

1st Technical Interview: (1 hr)

Consisted mainly of LC medium level problems related to linked lists, heaps and arrays.

One of the problems:-

<https://leetcode.com/problems/copy-list-with-random-pointer/>

2nd Technical Interview: (1 hr)

System design. More focused on theory part on OOPS, DSA, DBMS and some easy LC problems.

System design problem:- Detailed discussion to design system similar to cricbuzz

3rd Technical Interview: Managerial Round (<30 min)

Involved some puzzles and about myself, projects worked on, and basic questions on OOPS, DBMS, DSA.



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4th Technical Interview: (35-45 min)

There was one question related to graphs. Requires medium-level DFS and BFS knowledge.

The question was not a standard problem. It was framed differently and needs good knowledge on DFS and BFS.

When did you seriously start preparing?

Serious prep started just after 3-2. Started solving random LC problems topic by topic, making myself more comfortable with each topic. Focused mostly on DSA and theory part later.

Thorough understanding of our resume projects was also a key.

Topics/ Skills essential/ recommended for selection:

DSA, Coding in C, C++ or Java, Basic DBMS and System design knowledge are must. No specific requirements for projects.

Sources that helped in preparation:

1. Leetcode
2. GFG (Most helpful)
3. Codeforces
4. Gururaj sir's notes for DBMS and OOPS are a huge plus.
5. Discussion with friends

Important Tips / Suggestions:

Be calm and patient. Have complete knowledge on your resume. Take some more time if needed, but come up with a solution (at least brute force solution at the worst case). Most importantly, keep practicing a variety of DSA problems as much as possible, because the more exposure we get, the better the chances of providing a solution in the interview.





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Any other relevant information:

Be open to discussing the interview questions out loud with the interviewers. All my interviewers were open to discussing different approaches and nudging you in the right direction if you get stuck.



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Name: Ridhiman Agrawal

ID Number: 2018A7PS0191H

CGPA: 7.5

Role: SDE

Recruitment Procedure:

1st Round: Online Test Round, had to score almost full to qualify.

2nd Round:

Interview 1 - DSA Round

Interview 2 - DSA Round and some basic CS concepts

Interview 3 - Database Design round, was asked to create a schema for an auction held on Amazon and different cases

Interview 4 (manager round) - 1 DSA problem, after which the manager started explaining the company culture

When did you seriously start preparing?

I had good DSA knowledge from before, apart from that 1 month ago I started doing InterviewBit, OOPS, DBMS, project prep etc.

Topics/ Skills essential/ recommended for selection:

DSA, DBMS.

Important Tips / Suggestions:

Study the topics mentioned above, and practice IB/Leetcode really well, most questions are similar to those asked here



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Name: Mudit Chaturvedi

ID Number: 2018A7PS0248H

CGPA: 8.32

Role: SDE

Recruitment Procedure:

6 rounds in total (1 coding assessment + 3 Tech interviews + 1 System Design round + 1 informal chat with the HR)

1st Round: Coding assessment- Basic MCQs on CS fundamentals + 3 coding questions (easy)

1st Technical round: OS, DBMS, and OOPs theory questions (detailed) followed by 1 coding question on trees (easy). This round varied from interviewer to interviewer. Some other candidates were asked questions on OOPs only but in my case All 3 OS, OOPs, and DBMS were asked.

2nd Technical round: 2 coding questions, 1st one on graphs (medium difficulty), 2nd on 2 pointers (easy).

3rd Tech round: Started with a regular question on DP (Coin change), when I solved it, the interviewer changed the constraints. This happened 4 times so it was more like 5 coding questions. I was able to solve the first 4 modifications easily (thanks to Aditya Verma's DP playlist) but was stuck on the final one. We spent around an hour discussing possible changes, but none of them worked. At the end, the interviewer agreed that my solution is logically correct according to him so we moved on to discussing my resume.

4th round: Started with a coding question on trees (medium difficulty but was able to solve it under 5 mins), then proceeded on to resume discussion. The interviewer asked me about my favourite dev project (Cab booking application, didn't have other Dev ones) and what changes I would do to improve it if I were to take it up right then. Thankfully I had some prior knowledge about Uber's





model and incentives for drivers and I was able to come up with something related on the spot. She then asked me to do a high-level system design implementation of my suggestions. Reviewing a couple of system design questions from Leetcode helped.

5th round: Informal chat with the HR on the company's ideas and objectives and what all I would find interesting based on my skills and resume.

When did you seriously start preparing?

I started my placement preparation after 23rd July (after SI, didn't get the PPO), which is pretty late but since I had prepared a little bit for the campus internship drive in 3-1, I was able to cover major topics.

I started with InterviewBit and GFG, for brushing up basics then moved on to practicing on LeetCode. Participating in contests on Codeforces helped me improve my speed. GFG is the best source for covering the basics of all topics. Since I had my notes from OOPs, DBMS and OS courses, I was able to revise them in a couple of days and spend more time on CC and DSA.

Topics/ Skills essential/ recommended for selection:

College courses: OOPs, DBMS, OS

Projects: Cab booking application (OOPs), Chatbot (AI), Context-Aware Recommender Systems (Design Project and IR)

Try to highlight the dev projects more, but if you don't have many on your resume then you can talk about ML/DS projects as well as long as you are able to explain the project and answer the interviewer's questions on them

Sources that helped in preparation:

Practice- Leetcode

Basics- InterviewBit and GFG

Speed- Codeforces

Special mention - Aditya Verma's playlist for Dynamic Programming





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Important Tips / Suggestions:

Be well versed with all the internships and projects mentioned on your resume and practice answering standard questions based on your resume. For tech rounds ask questions before starting to code, explain your approach well and think out loud. For HR round be prepared with crisp answers for typical questions like why this company etc.



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Sigmoid

Eligibility: B.E. (all)

CGPA Cut-off: 6.5

Roles: Associate Software Developer Engineer

Selects: 2

Selection Rounds: 3

CTC: 15 LPA



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Name: Adarsh Shrivastava

ID Number: 2018A3PS0537H

CGPA: 7.12

Role: Associate Software Developer Engineer

Recruitment Procedure:

1st Round: Online Test

2nd Round: 2 Technical Interviews-

In the first interview 2 coding questions were asked:

- a) String matching
- b) Segregate and join all the even nodes first and then all the odd nodes together in a given linked list.

2nd Tech Interview- 3 coding questions:

- a) Problem of Recursion
- b) Alien Language of Graphs
- c) DFS. The largest area of the island

3rd Round: HR Interview

When did you seriously start preparing?

One year prior to placements.

Topics/ Skills essential/ recommended for selection:

DSA and Deep Knowledge about the project mentioned in the resume.

Sources that helped in preparation:

Gfg/ LeetCode/ Interview bit. And some of the YouTube channels like Love Babbar, PepCoding/ AdityaVerma for DP.



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Important Tips / Suggestions:

Whenever you solve any coding question, first fix a time and then start solving.

If you are able to solve that within the given time you win. This will prepare you for your online coding rounds as well as the interview. Time is everything.



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Sprinklr

Eligibility: B.E. CS

CGPA Cut-off: 0

Roles: Product Engineer

Selects: 2

Selection Rounds: 4

CTC: 30 LPA(in hand)



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Name: Vrinda Kakkar

ID Number: 2017B1A31316H

CGPA: 7.71

Role: Product Engineer

Recruitment Procedure:

1st Round: Online Test: A 3-question DSA coding test on the HackerEarth platform (Time : 1:30 hrs).

2nd Round: Technical Interview Round 1 (45 mins): Started with a brief intro about the project and work experience. 3 DSA questions were asked:

1. Given a set of words, generate all sets of different anagrams. (A hashmap approach was accepted)
2. Started with "Subarray Sums Divisible by K" then extended the problem to a tree (instead of subarray find vertical paths divisible by k)
3. Sliding Window Maximum

3rd Round: Technical Interview Round 2 (45 mins): 2 Interviewers, 3 DSA questions were asked:

1. Given a shuffled list of integers, print the largest subset (not subsequence) of consecutive integers. Only $O(N)$ approach was accepted.
2. Question-based on topological sorting.
3. Cycle detection in a directed graph.

4th Round: C&T Round (HR) (20mins): Standard HR questions consisting of contributions and obstacles in the project, SI, the Job requirements and why are you fit for the role.

When did you seriously start preparing?

Started in starting of 2nd year 2nd sem.





Topics/ Skills essential/ recommended for selection:

OS, OOPS, DBMS, Strong grasp of DSA (Mostly the topics graph, DP, and trees) and CS fundamentals.

Sources that helped in preparation:

DSA: Leetcode, Interviewbit, and competitive programming from codeforces can provide an edge.

For core subjects:

OS: College prof. Barsha Ma'am's lectures / GateSmashers youtube channel playlist.

DBMS: College prof. Gururaj Sir's lectures

OOPS: College prof. Gururaj Sir's lectures

Important Tips / Suggestions:

Details on round 1- Online test:

1 Easy, Tree coloring problem but instead of general brute force approach have to optimize according to given conditions. 1 hard problem - String construction using DP and 1 medium level problem.

Visit the company's website before the HR interview.

Any other relevant information:

Knowing the internship project in depth is also important. Having an in-depth knowledge of concepts will help. Speed is the key in interviews along with reaching the optimal solution.





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Star Union Dai-ichi Life Insurance

Eligibility: B.E. CS/ECE/EEE/ENI

CGPA Cut-off: 0

Roles: SDE

Selects: 1

Selection Rounds: 2

CTC: 29.4 LPA



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Name: Anoop Adusumilli

ID Number: 2018AAPS1240H

CGPA: 6.99

Role: SDE

Recruitment Procedure:

Consisted of 2 rounds.

When did you seriously start preparing?

Mid-January 2022. Practiced a few important medium/hard questions on Leetcode and GFG. Learned important topics of DBMS and OS. Revised OOPS and Projects.

Topics/ Skills essential/ recommended for selection:

PS-2/OOPS/Cryptography projects, DSA, OOPS, knowledge of a few technologies

Sources that helped in preparation:

Leetcode and GFG.

Important Tips / Suggestions:

The project works done previously are important and play a crucial role in the selection process. Also, DSA is important.



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SymphonyAI

SymphonyAI

Eligibility: B.E. CS/ECE/EEE/ENI

CGPA Cut-off: None

Roles: Associate Data Scientist

Selects: 2

Selection Rounds: 3

CTC: 18 LPA



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Name: Akanksha Vinod Hublikar

ID Number: 2018AAPS0317H

CGPA: 8.06

Role: Associate Data Scientist

Recruitment Procedure:

1st Round: 2 DSA questions to be solved in python and Data science MCQS

2nd Round: Technical interview (1 or 2 separate interviews)- Questions included both behavioural and technical questions. A few short questions on ML and statistics and 2 basic DSA questions.

3rd Round: HR round- Consisted of all basic questions.

When did you seriously start preparing?

After 3rd year.

Topics/ Skills essential/ recommended for selection:

Basic knowledge in data science and coding. Thorough knowledge on ML theory and statistics. Python will be very useful. ML projects on resume will help. DSA, OOPS and DBMS will help.

Sources that helped in preparation:

1. Leetcode and InterviewBit for DSA
2. Top asked Data Science questions for short theory questions
3. Revise Probability and Statistics for statistics questions
4. Educative, Hackerrank are also helpful.



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Important Tips / Suggestions:

Go through all top asked Data science questions on google. All the questions asked were very generic. Be strong with fundamentals of all relevant topics.

Any other relevant information:

For most of the questions the interviewers were more focused on how candidates came up with a solution rather than if they are right or wrong. Knowing python and having data science projects will be useful.



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TISMO

Embedding Excellence

Tismo Technologies

Eligibility: B.E. CS/ECE/EEE/ENI

CGPA Cut-off: None

Roles: Trainee Engineer

Selects: 1

Selection Rounds: 3

CTC: 9 LPA



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Name: Pranay Pant

ID Number: 2018A7PS0161H

CGPA: 8.1

Role: Trainee Engineer

Recruitment Procedure:

Consists of 3 rounds of technical interviews.

When did you seriously start preparing?

2 months before placements.

Topics/ Skills essential/ recommended for selection:

Good programming skills, Knowledge about Operating Systems, Database and Object Oriented Programming Concepts.



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Truminds Software Systems

Eligibility: B.E CS/ET

CGPA Cut-off: 7

Roles: SDE

Selects: 3

Selection Rounds: 3

CTC: 13.5 LPA.



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Name: Eranki Venkata Jhahnavi

ID Number: 2018A3PS0154H

CGPA: 9.16

Role: SDE

Recruitment Procedure:

1st Round: Online Test. The test consisted of MCQs related to OOPS, DBMS, OS and DSA and Coding questions related to DSA/

2nd Round: Technical Interview. In the interview, I was asked to explain my internship project briefly and few questions on it. Then questions related to DBMS, OS and OOPS. Finally, a coding question related to sorting.

3rd Round: HR Interview. Few questions on basic C programming and then the questions are based on the topics you mention to the interviewer and built the conversation on it. In my case, they asked me about the electives and questions related to the courses (Mathematics courses, Data Science minor courses).

When did you seriously start preparing?

About 1 month before placement season, started regular DSA practice in online platforms and revised resume projects

Topics/ Skills essential/ recommended for selection:

Hands-on coding experience in C++/C/Java/web technologies, a good background in Computer Science fundamentals, interest in solving hard problems, providing innovative solutions, enjoys a start-up environment, bringing creative energy to their work.



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Sources that helped in preparation:

- General questions from OOPS and OS, basic coding skills and good DSA knowledge

Important Tips / Suggestions:

Have your coding basics strong, be comfortable coding and explain easy-medium question solutions and underlying coding concepts. Practice questions regularly.

Any other relevant information:

DSA is the most important. I did not have any OS, Computer Architecture, or other CS course knowledge, but my DSA skills were good.



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Name: Akshat Shukla

ID Number: 2018AAPS0480H

CGPA: 8.72

Role: SDE

Recruitment Procedure:

1st Round: Online Test (Duration 1hr 20 min). Basic MCQs - 20 and 1-2 coding questions easy-medium

2nd Round: Basic questions on DSA and objective questions on OOPS concepts

3rd Round: HM round. Questions on DBMS, SQL followed by basic HR questions

When did you seriously start preparing?

I started preparing seriously at the end of second year. Firstly, I learnt about basic DSA and STL in C++. Then, I started solving questions on Leetcode and Interviewbit. I had a few projects on ReactJS and Django so that's useful at times when the interviewer asks about your development side. At the same time, I learnt about OS, OOPS and DBMS through online resources.

Topics/ Skills essential/ recommended for selection:

- Data Structures and Algorithms
- Object Oriented Programming Concepts
- Operating Systems
- Database Systems
- Low Level Design
- System Design"





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Sources that helped in preparation:

- DSA - Leetcode + Interviewbit
- System Design - CodeKarle + Educative.io
- Java + OOPS - Smart Programming YouTube channel
- OS, DBMS : Gate Smashers YouTube channel
- Projects: Fireship.io



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Uber

Eligibility: BE CS

CGPA Cut-off: NA

Roles: SDE

Selects: 1

Selection Rounds: 3

CTC: 38 LPA.



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Name: Radhesh Sarma

ID Number: 2017B4A70886H

CGPA: 7.86

Role: Software Engineer 1

Recruitment Procedure:

1st Round: Coding test

2nd Round: For the coding interview, I was asked Leetcode Hard difficulty problem.

3rd Round: For the system design interview, I was asked about a common High-Level Design problem. Going through Gaurav Sen's system design youtube channel helped.

When did you seriously start preparing?

I have been actively practising problem-solving on Codeforces / Codechef since my second year and Leetcode since my third year. I started practising mock interviews with friends before the placement season.

Sources that helped in preparation:

- Codeforces 2
- Leetcode 3
- System Design Primer (<https://github.com/donnemartin/system-design-primer>)
- Gaurav Sen Youtube Channel for System Design

Important Tips / Suggestions:

Apart from problem-solving, clear communication of thoughts and thinking aloud in interviews are equally important. Try to practice thinking aloud about what you think will help in interviews





Any other relevant information:

While preparing, I made this strategy to solve problems

- Use some Leetcode extension to hide problem difficulty. Pretty important, given that we don't know this data in interviews.
- I use these:
<https://chrome.google.com/webstore/detail/leetcode-enhancer/gcmncppaaebldbkgkcbojghmpjkdImp?hl=en>
<https://chrome.google.com/webstore/detail/hide-leetcode-difficulty/ghgkbjcbpoclejjlpclndcgcamkgapln?hl=en>
- Do NOT read the constraints. Assume you asked and the interviewer said "Tell me the most optimal we can go." Do ensure to ask this in interviews though.
- Following point 2, think of what approach you can take. After coming up with an approach, or failing to find an approach after 5 min, look at constraints. We are trying to train that the approach in our minds matches the intended solution.
- Implementing the code in less than 15 minutes is very much needed.
- Once implemented, dry run the code to see if there are any corner cases. Don't hit 'Compile' or submit yet, only manual dry running to see if you miss any edge cases. Hit compile and submit when you are sure. We want AC on the first try





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Eligibility: B.E CS/ET

CGPA Cut-off: None

Roles: SDE

Selects: 2

Selection Rounds: 4

CTC: 35 LPA.



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Name: Jonathan Samuel

ID Number: 2018AATS0460H

CGPA: 6.77

Role: SDE

Recruitment Procedure:

1st Round: Coding Round: This was an online coding round with just 1 big OOPS question. The question was to design a Calendar Reservation App with a lot of features(add events, invite users, suggest free slot for a set of people etc.) in any language of choice. The time given was 1.5hrs. The score was decided based on the number of test cases your code passed. I was able to complete most of it with Golang and got 10/13 test cases passed.

2nd Round: Assignment: This was after the shortlisting for the online round. In this assignment, we had to develop an API. We had to design and implement a Fitness Slot Booking System where users can book slots and cancel it with a waiting list and all. We had to write in any language of choice but it had to be an API and should be testable with Postman. Good clean code was expected in this round. The time given was 1.5 hrs. I was able to complete this fully but couldn't cover 1 or 2 edge cases but it was working for all basic APIs.

3rd Round: Interview - 1 (with SWE 2 Engineer): The interview started with my introduction, my previous projects and then about my current Summer Internship experience. Then we talked a bit about the previous assignment and the code and why I approached it the way I approached it. He then asked about 2 problems and how would I solve them. The first problem was how to detect fake deliveries. So he was mainly expecting me to think aloud, ask questions and try to come up with a solution. The second problem was how to extend all app services to villages where there are no smartphones. The interview lasted for 40mins. I was just trying to think out loud and trying to throw up solutions





whenever I can. There is no right or wrong answer and you can also assume you have unlimited access to any technology you need while answering them.

4th Round: Interview - 2 (with a senior manager): This interview was a managerial interview. This also started with my introduction and a lot more focus on my past projects and current SI. I had to talk about all the problems I faced and how I overcame them. It was just more of storytelling about my best projects and what motivates me and my current SI. He then asked some HR questions as well.

When did you seriously start preparing?

I started preparing during my 3-1. I started to learn Web Development just to get some good projects onto my resume and I started taking various CS courses as Open Electives to get relevant projects/assignments and as well as to learn the CS fundamentals being from ECE.

I started preparing for the SI drive from the time companies started to come. I started to give a lot of Codeforces Contests just to improve my CC skills and also to get the right answers faster which only the Contests can provide

Topics/ Skills essential/ recommended for selection:

Good Development Skills(Able to write API and good Object Oriented Clean Code)

Sources that helped in preparation:

- Leetcode - For DSA and OOPS questions

Important Tips / Suggestions:

The interview process cannot be simpler than this. So just try to do your best at every round. If you are more of a dev person like me then this is your company. There is not even one DSA question asked so this is the best chance you'll get.





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Any other relevant information:

Don't worry too much about the process. You'll get enough time in each round. Just focus on one question, one feature at a time in the coding round and assignment and you will be at Udaan in no time :)



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Name: Shubham Asopa

ID Number: 2018A7PS0101H

CGPA: 7.96

Role: SDE

Recruitment Procedure:

1st Round: Online coding test. 1 OOPS and DSA based question. We had to implement the functionality of a calendar.

2nd Round: Assignment: The problem statement was sent on the mail before the test. We had to make APIs in this round.

3rd Round: Technical interview. In this round, first the interviewer asked me to explain the code written in the round. After that, she asked me few open ended product based question. (Given a situation, how would you solve it as a software developer). It was more of an interactive round.

4th Round: Technical interview/HR. In this round the interviewer asked me to explain my course projects and then my freelancing project. Later, he asked me few HR questions and the interview ended.

Topics/ Skills essential/ recommended for selection:

Have a clear understanding of the concepts in OOPS and DBMS. Udaan's test rounds aren't based on DSA alone.

Sources that helped in preparation:

- Binary search and geeks for geeks.

Important Tips / Suggestions:

All the software development projects were helpful.





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Eligibility: B.E CS/ET

CGPA Cut-off: 7

Roles: SDE

Selects: 4

Selection Rounds: 4

CTC: 23 LPA.



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Name: Rudrajit Kargupta

ID Number: 2017B3A70452H

CGPA: 8.22

Role: SDE

Recruitment Procedure:

1st Round: Coding test

2nd Round: The questions asked in the first interview were of easy to moderate level. These rounds were based solely on DSA and nothing else.

3rd Round: The 2nd interview round had only one question from Dynamic Program (difficulty level: hard).

4th Round: In the 3rd interview I was asked to suggest approaches to a particular problem (the most optimal approach was a tree based solution).

When did you seriously start preparing?

I started seriously preparing towards the end of May. Followed the collections of DSA based problems on GFG and Leetcode. Towards the end of July, I dedicated a week to revising OS, DBMS, and OOP concepts. GFG and YouTube videos are good for OS and DBMS, while course slides are sufficient for OOP.

Topics/ Skills essential/ recommended for selection:

Dynamic Programming, Graphs, Trees, Linked List, Recursion, Basics of OS and OOP. As far as DBMS is concerned, you should be able to design a DB schema given a problem statement.

Sources that helped in preparation:

- Leetcode
- GFG





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- Interviewbit
- YouTube
- Course slides (OOP/DBMS)

Important Tips / Suggestions:

Since the whole process is majorly DSA based, be thorough with its concepts. You should also be aware of the basics of certain niche topics such as Segment Trees, Trie, etc.



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Name: Suraj Reddy Karra

ID Number: 2018A7PS0510H

CGPA: 7.81

Role: SDE

Recruitment Procedure:

1st Round: Written Test: It had two easy-medium DSA questions. Around 15 people were shortlisted for the next round

2nd Round: In the 1st interview, he asked me to open up leetcode on my browser and gave two questions. Both were tagged medium(one was based on MST, another was based on trees). I was able to solve both of them.

3rd Round: In the 2nd interview, the interviewer gave me a simple question on arrays and asked me to write a pseudo code on google docs. He kept on adding more complexity to it. After a couple of modifications, I wasn't able to code what was asked but gave him my approach before time. He was helpful throughout the round by giving some hints.

4th Round: This was a short 10min round. The interviewer had 3 questions on a google doc. He was only expecting the approach and not the code. One of them was identifying the duplicate element in an array. I gave him 3 approaches and he was satisfied. Another question was based on backtracking and graphs. No coding is expected in this round.

When did you seriously start preparing?

I started my preparation just before the SI drive in 3rd year. However, I wasn't regular over the 2 years. Main resources used: InterviewBit, Leetcode.





Topics/ Skills essential/ recommended for selection:

DSA and strong problem-solving skills. Knowledge of OOPS and DBMS is also required in interviews. Course projects were not relevant at least at the interview level(Maybe useful during resume shortlisting)

Sources that helped in preparation:

- Leetcode
- InterviewBit for coding practice.
- PU provided material.
- Demuxx academy videos really helped in DSA.
- For CS subjects : Gatesmashers.

Important Tips / Suggestions:

This company was least bothered about the projects, experiences or resume for that matter. They only wanted to see our approach to problem-solving. Focus on DSA. CS fundamentals weren't asked apart from the online test.

Any other relevant information:

Focus on DSA first especially on Graphs, trees and DP. Do leetcode and interviewbit. Don't skip studying CS fundamentals as they are asked in depth. Prepare your projects really well. Stay confident in the interview.





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Workspot

Eligibility: B.E. CS/ECE/EEE/ENI

CGPA Cut-off: None

Roles: SDE

Selects: 2

Selection Rounds: 5

CTC: 21 LPA



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Name: Vatsal Gupta

ID Number: 2018A7PS0198H

CGPA: 8.52

Role: SDE

Recruitment Procedure:

Round 1 - Resume Shortlisting (Projects and CGPA)

Round 2 - Technical Interview 1 - The First round involved some discussion on projects. Post that the interviewer asked some DSA questions. The questions were primarily the same type of questions available on leetcode and InterviewBit. The difficulty of the questions was medium level.

Round 3 - Technical Interview 2 - It was similar to round 1. There were 2 questions on DSA and was asked to code as well as test them against some test cases. One question that was asked me was based on merge sort and Binary Search.

Round 4 - Technical Interview 3 - Questions in this round were on the Fundamentals of CS. Initial questions were on OOPS and Java. Then questions were asked on DBMS and on one of my projects in which I had used MongoDB. The interviewer then asked some questions about Networking. Post that quite a few questions were asked on OS. Overall in round 3, the focus was on operating system.

Round 5 - HR/HM Round - This was similar to any HR round. The Interviewer was pretty chill and we had an informal discussion.

When did you seriously start preparing?

Started Preparing for the Placements when my summer internship started.





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Topics/ Skills essential/ recommended for selection:

DSA, CS Fundamentals (DSA, DBMS, OOPS, OS, Networks, System Design)

Sources that helped in preparation:

Leetcode, InterviewBit, Gate Smashers (For CS Fundamentals), GeekForGeeks, demux, 450 questions DSA sheet

Important Tips / Suggestions:

Have a strong hold on the CS fundamentals and DSA.



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DELVEINSIGHT

Eligibility: B.E. (B.Pharma)

CGPA Cut-off: 0

Roles: Associate Analyst

Selects: 1

Selection Rounds: 3

CTC: 6 LPA



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Name: Arnav Kukreja

ID Number: 2018A5PS1067

CGPA: 7.01

Role: Associate Analyst

Recruitment Procedure:

Round 1 - Involved discussions about my projects, internships and my general grasp regarding pharmacy as a field. And a small guesstimate to understand your analytical bent of mind.

Round 2 - A detailed discussion on my projects and internships, and a guesstimate- to estimate the number of certain tata cars in delhi.

Round 3 - it involved a conversation with the CEO, this round was very concise in discussion and mostly included HR related general questions - like where do you see yourself in next 5 years?

When did you seriously start preparing?

Honestly I started preparing quite late (around January) but I started looking into case Interviews and how to go about answering them and then practiced a few with friends

Topics/ Skills essential/ recommended for selection:

General knowledge of the functioning of the Pharma domain was needed , Since, the company focused specifically to hire students from pharma background, their main points of discussion were based on the Pharma related projects, and internships.and MS office





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EPSILON[®]

Epsilon

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: Data Analyst

Selects: 5

Selection Rounds: 5

CTC: 10 LPA



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Name: Binyameen K V

ID Number: 2018A4PS0633H

CGPA: 8.54

Role: Data Analyst

Recruitment Procedure:

1st Round: Written Test - Standard Apti questions, can be prepared through the examly platform that PU provides. Questions were very much similar to what was given in the examly platform. There were two sections for Python/R and SQL as well, but questions were very basic (PU provided us with Datacamp premium access, can be easily prepared through this or any other relevant resources)

2nd Round: 1st Technical Round -Interviewer started with the standard question 'Why do you want to work as a data analyst'. This was followed by a few standard puzzles from Geeksforgeeks. Also asked a few resume based questions - mainly focused on projects mentioned in the resume and asked me to explain them in detail.

3rd Round: 2nd Technical Round - Was heavily resume focused. Asked a few questions about the courses mentioned in the resume, to explain projects mentioned in the resume in detail. (I had mainly put finance project on resume, so mostly based on that)

4th Round: 3rd Technical Round- Was heavily based on Time Series Analysis. I had mentioned the FRAM project which was done using Time Series Analysis in python, so asked me very technical questions about different time series models. Also asked a few basic data analytics questions.





5th Round: HR Interview - Started with basic HR question 'Tell me about yourselves'. Also asked 'what's the difference between data analytics and data analysis'. Some other very basic HR questions were asked.

When did you seriously start preparing?

Placements began in August, so started preparing from early June.

Topics/ Skills essential/ recommended for selection:

Basic Python/R and SQL

Finance projects that involved data analysis of any form using python/R or excel

Basic knowledge in Statistics and linear algebra

Sources that helped in preparation:

Apti - Placement Division Tests

Case Studies - Material Provided by PU

We were given Datacamp subscription to learn Python/R and SQL
slides from ML, NNFL and data mining.

Important Tips / Suggestions:

Having basic knowledge in Python/R and SQL helps as you can expect question in apti round as well as during interviews. Also prepare puzzles from GeeksforGeeks, most of the puzzles asked during interviews are directly from the website. Be thoroughly prepared with everything in your resume, and can expect questions from any part of your resume. Also be prepared with standard HR questions. Going through previous year PU chronicles also helps.





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FISCHERJORDAN

Fischer Jordan

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: Business Analyst

Selects: 1

Selection Rounds: 3

CTC: 13 LPA



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Name: Aditya Ravi Swami

ID Number: 2018A1PS0711H

CGPA: 7.56

Role: Business Analyst

Recruiting Process:

1st Round - Guesstimate

2nd Round - Brain Teasers and Probability questions

3rd Round - Probability, Quant, Mental Math

When did you seriously start preparing?

Started about 2 weeks before placement - used case study books and the examly portal.

Topics/ Skills essential/ recommended for selection:

Probability, Quant topics, brain teasers

Sources that helped in preparation:

1. Examly
2. RS Agarwal textbook



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**Futures
First**

FUTURES FIRST

Eligibility: B.E. All

CGPA Cut-off: None

Roles: Market Trainee(Analyst)

Selects: 1

Selection Rounds: 4

CTC: 12.4 LPA



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Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Name: Sakshar Sharma

ID Number: 2018A4PS0056H

CGPA: 5.28

Role: Associate Analyst

Recruitment Procedure:

Round 1 - Written Test

Round 2 - Interview Round 1

Round 3 - Interview Round 2

Round 4 - Interview Round 3

When did you seriously start preparing?

Didn't prepare much, confidence and spontaneity are more important

Topics/ Skills essential/ recommended for selection:

No skill was required, only stress and pressure handling

Sources that helped in preparation:

Search futures first interviews on YouTube



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Head digital works

Eligibility: B.E. (all)

CGPA Cut-off: NA

Roles: Business Analyst

Selects: 1

Selection Rounds: 3

CTC: 14 LPA



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Name: Hrishikesh Ghadge

ID Number: 2018A2PS0034H

CGPA: 8.67

Role: Business Analyst

Recruitment Procedure:

1st Round: Based in Aptitude test

2nd Round: Case study round : provided a problem statement and had to submit solution.

3rd Round: Personal interview round- Questions based on case study round, Product case round, Fitness round.

When did you seriously start preparing?

November

Topics/ Skills essential/ recommended for selection:

Guesstimates, problem solving skills, critical thinking, Case study and analytical skills.

Sources that helped in preparation:

Placement cell interview preparation materials

Important Tips / Suggestions:

Should be aware of the company's product, the industry it operates in and the various challenges in their industry (online-fantasy gaming) and ways to overcome them



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Indus Insights

Eligibility: B.E. (all), B.Pharm

CGPA Cut-off: None

Roles: Associate Consultants

Selects: 2

Selection Rounds: 4

CTC: 13.5 LPA



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Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Name: Naivedya Krishn

ID Number: 2018A2PS0230H

CGPA: 9

Role: Associate consultant

Recruitment Procedure:

1st Round: Aptitude Test

2nd Round: Written Guesstimate Round.

3rd Round: Case Study Round

4th Round: Behavioral Round.

When did you seriously start preparing?

July, used the traditional books like case interviews cracked etc.

Topics/ Skills essential/ recommended for selection:

Case study and guesstimate

Sources that helped in preparation:

Different case books

Important Tips / Suggestions:

Communicate effectively during the Interview



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Name: Om Gandhi

ID Number: 2018A4PS0340H

CGPA: 8.08

Role: Associate consultant

Recruitment Procedure:

1st Round: Online Test

- 45 mins - Aptitude, Quant, Data interpretation, Verbal MCQs (25-30 questions in total). *There was negative marking for these questions*
- 30 mins - written guesstimate. Had to estimate the total hours spent on youtube by Indians in a month.
- The approach and structuring is more important than the final numbers.
- 18 students were shortlisted for the next round.

2nd Round: Guesstimate Interview

- Was asked to estimate the annual revenues of a shopping mall.
 - The interviewer was more interested in the way I approached, structured and segmented. For me the Interview was mostly qualitative (i.e. i was not asked to do calculations).
 - Was asked to estimate one of the segments with 2 different approaches.
 - Be open to feedback, think thoroughly. 6 were shortlisted for the next round.
- The interview lasted for 25-30 mins

3rd Round: Case Interview

- The case was about 2 different online advertising channels used by e commerce websites (client). Had to recommend which channel was the better one for the client.
- I personally felt that understanding the problem was a bit tricky. The case ended up to be a Profit/Loss analysis, lasted for 40-45 mins
- 4 were shortlisted to the next round

4th Round: Behavioral Interview/HR interview





- Was a conversation with the Director of Indus.
- Be Honest. That's it. No preparation needed for this round.
- Was asked about my background, my PORs, weaknesses, to rate myself on some parameters.
- 2 people were given the final offer.

When did you seriously start preparing?

June 2nd week

Topics/ Skills essential/ recommended for selection:

No courses or topics as such. Work on your problem solving ability (solving business case studies (all frameworks) and guesstimates), communication skills and be confident. Practice mock interviews with your friends as much as you can. Can't stress enough on this last part

Sources that helped in preparation:

PU mock tests, Consulting prep material shared by PU.





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Institutional Shareholder Services Inc. (ISS)

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: Junior Analyst - Development Team

Selects: 2

Selection Rounds: 3

CTC: 10 LPA



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Name: Anshuman Bhagawati

ID Number: 2018A3PS0610H

CGPA: 8.11

Role: Junior Analyst - Development Team

Recruitment Procedure:

1st Round: MCQ-based Coding Test - It was an MCQ-based test with no written coding section. The questions were almost entirely based on OOP concepts and the language used was Java. The questions required a decent to a good level of OOP understanding and also the syntax of Java. The questions are mostly required to find the output, correct the syntax and fill in the blanks of a written code snippet. The difficulty level of the questions was above average.

2nd Round: Technical Interview - This round was easy. The interviewer asked about the projects done in the college and a few SQL-based questions, basic OOP concepts like Inheritance, Polymorphism, etc. The interviewer also asked to present the screen and to write a few code snippets in Java. Few test cases and output were given and I was asked to code the logic and run it. It was mostly simple and the focus was on using Strings, Linked lists, and OOP concepts, and not much on the algorithm used.

3rd Round: HR Interview - This was a general HR round where behavioral questions were asked. The panelists asked “Why do you want to get this role?”, “Why not higher studies?” etc.

When did you seriously start preparing?

During the summer after 3-2. I mostly used the resources given by CRUX and PU for DSA and OOP and OS slides from our college course. I used to participate in the contests hosted for people sitting for placements. I also used YouTube for getting to clarify my doubts.





Topics/ Skills essential/ recommended for selection:

An in-depth understanding of OOP concepts was the most important thing for the process. Coding skills and SQL knowledge were essential to get through.

Sources that helped in preparation:

- Abdul Bari for essential DSA concepts.
- Slides from OS and OOP course.
- Material given by the Placement Unit.
- Geeks for Geeks for coding practice

Important Tips / Suggestions:

- Even though DSA was not asked in my case, it is the most important thing for sitting in IT placements. Hence, don't leave it. In addition to that, having a good grasp of OOP concepts is essential. If your ID Number is not CSE, then prioritize DSA and OOP. Once these are prepared to a decent level, then you can shift focus to DBMS and OS.
- Just be confident and try to keep the interviewer in the loop even if you don't get the answer try running the logic that you came up with by him/her. In most cases, the final answer does not matter but your approach and thought process does.





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MEDIBUDDY

Eligibility: B.E. All

CGPA Cut-off: 0

Roles: Data Analyst, Management Trainee

Selects: 2

Selection Rounds: 4

CTC: 10 LPA



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Name: Jahnvi Dharwadkar

ID Number: 2018A5TS1099H

CGPA: 8.18

Role: Data Analyst

Recruitment Procedure:

Round 1 - Resume Shortlisting

Round 2 - Online Test: (duration 2hrs 22mins)

Question pattern: 12 MCQs (on Python and SQL) + 1 Subjective ques (SQL) + 2 Python programming + 3 SQL.

I had better command over SQL so was able to complete the 12 MCQs, subjective ques and the 3 SQL questions.

There was no negative marking.

Round 3 - Technical Interview: There were 2 rounds:

Technical Interview I: The interviewer asked about my resume, 1 SQL ques was asked and 2 puzzles were asked.

Technical Interview II: This was more about the projects I had done and how I managed to overcome the challenges faced during group assignments. The interviewer also asked about my reasons for applying to this role/company, what are my expectations from this role/company and what are my ambitions.

When did you seriously start preparing?

My decision to apply for placements was a bit delayed and hence, I had limited time to prepare for the same. I started talking to seniors and batchmates and took their advice regarding placement material to study from.

I spent sufficient time on building and studying my resume and the projects I had done. For SQL, I used the DataCamp platform which was easy to understand and navigate. For puzzles, I solved some 10-15 puzzles available on the Geeks for geeks site. For Case studies, I followed the Case Interviews Cracked videos and the book Case





Compendium. The study material provided by PU was also very helpful; especially for Aptitude Tests.

Topics/ Skills essential/ recommended for selection:

SQL, Python, Puzzle solving skills.

Sources that helped in preparation:

DataCamp, Geeks for geeks.

Important Tips / Suggestions:

- 1) Start preparing at least a month before you plan to sit for placements. This will give you sufficient time to learn all the concepts and apply them.
- 2) Be thorough with your resume.
- 3) Practice aptitude tests frequently. Try to practice case studies with a friend/batchmate (one can pose as an interviewer and the other as interviewee). This will help you gain confidence while answering ques in actual interview.
- 4) Try giving mock interviews with your friend/batchmate.





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Name: Kumari Ankitha

ID Number: 2018A5TS0710H

CGPA: 6.4

Role: Management Trainee

Recruitment Procedure:

Round 1 - Resume Shortlisting

Round 2 - Interview Round 1 - There was resume discussion where the interviewer asked me in-depth questions about my internship experiences. One guesstimate was asked and a case study was given as well.

Round 3 - Interview Round 2 - In this round, the interviewer asked me resume based questions and HR questions.

When did you seriously start preparing?

I started my preparation around mid-December. I used to practice cases and guesstimates from Case Interviews Cracked.

Topics/ Skills essential/ recommended for selection:

Problem solving skills, Communication skills

Sources that helped in preparation:

Case Interviews Cracked, IIM-A Casebook



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meesho

Meesho

Eligibility: B.E. (all)

CGPA Cut-off: None

Role(s): Business Analyst

Selects: 3

Selection Rounds: 4

CTC: 14.5 LPA



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Name: Snigdha Khare

ID Number: 2018A5PS1068H

CGPA: 7.71

Role: Business Analyst

Recruitment Procedure:

The process consisted of 4 rounds.

1st Round: Resume Shortlisting (not sure about the criteria they used).

2nd Round: SQL Assignment. 4 to 5 SQL questions were assigned. They required an intermediate level of SQL skills.

3rd Round: Technical Interview 1. Discussion on assessment (they didn't expect to complete all the 4 questions but discussed the completed ones very thoroughly), basic SQL questions (joins, etc.), two guesstimates (How much paint is required to paint the pillars of Metro rail? & How many geysers are there in India?)

4th Round: Technical Interview 2. One guesstimate (Estimate the online grocery market of India), one case study (The return/exchange rate at an E-Commerce company increased, solve), and a few basic HR questions.

When did you seriously start preparing?

I started my placement prep seriously post my 3-2 comp: in May end.

Topics/ Skills essential/ recommended for selection:

1. SQL - there was an assignment and one technical round dedicated to it
2. Guesstimates/ Problem Solving





Sources that helped in preparation:

For SQL:

1. DataCamp
2. Interview questions from StrataScratch

For case preparations

1. Some basic books that are must to do – Case in Point, Case Interview Cracked.
2. Youtube channels that can be used to – caseinterview, IIM A's channel, Case interview Cracked, Crafting Cases.
3. Practice cases (in mock with friends) from casebooks of IIM A and SRCC

Important Tips / Suggestions:

There are majorly 4 things that need to be cracked for a non-tech placement:

1. Resume
2. Apti
3. Coding
4. Case interviews/ problem solving

1. Resume

Make a target resume 6 months before placement. List down your star points and your struggling points in the resume. For example, if your struggling point is a lack of an internship (apart from PS1 - everyone has that, it doesn't help you stand out) try to do an internship before you sit for placements. Resume writing is a crucial step - you cannot just write down your work. It has to be attractive and well written. Please reach out to seniors and ask them for resume writing tips (my seniors helped me re-edit my resume till the end of July)





2. Apti

This is usually the first or the second step. You need to realize if you need less or more apti preparations. I knew I was decent with the math part of apti but not that great in reasoning so I worked more on that. I used to use a youtube playlist to grasp the tricks and practiced it on the portal PU provided. The practice exams PU conducts are also suitable for understanding your speed and accuracy.

3. Coding

For SQL what I did (you can be selected depending on your skills):

In May, post compre, I did a Udemy Bootcamp to understand the basics of SQL (did this for 7 days). Then I jumped to DataCamp. There are sections in DataCamp for specific roles and it has courses that are needed for that role. So I followed the Analyst section and did all the courses. I tried to practice on my own as much as I could. Avoid seeing answers. Make mistakes and improve. The two steps were done by the first week of July. Now I was confident in my SQL proficiency. So I started searching for interview questions on youtube and understood the process. From there I discovered a site StrataScratch and practiced interview/business questions. This is definitely helpful.

4. Case interviews/ problem solving

Some basic books that are must to do – Case in Point, and Case Interview Cracked. Youtube channels that can be used to – caseinterview, IIM A's channel, Case interview Cracked, Crafting Cases.





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Sprinklr

Eligibility: B.E. (all)

CGPA Cut-off: 0

Roles: Product Analyst

Selects: 3

Selection Rounds: 3

CTC: 15LPA+RSUs



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Name: Meghana Chintalapudi

ID Number: 2018A4PS1047H

CGPA: 8.79

Role: Product Analyst

Recruitment Procedure:

1st Round: screening test with Quant and Logical Reasoning Questions

2nd Round: Series of interviews- First few interviews are similar to typical product interviews. After a brief introduction and questions about the resume, expect RCA, Guesstimates, Product Design Questions, Market Entry, and Metrics Questions. In addition, a few were also asked Probability & Statistics Questions and some Puzzles (Logical Reasoning).

3rd Round: The last round is the HR round.

When did you seriously start preparing?

Started practicing mocks with friends during PS2 in first Sem, had also prepared a bit for internship interviews previously. Prior to that, started making Product Decks, Case books, Product Case competitions, and watching a few videos on YouTube that discuss Product Cases.

Topics/ Skills essential/ recommended for selection:

Structured thinking for RCA, Product Design and Guesstimates.

Sources that helped in preparation:

The PM School Product Interview Playlist on YouTube for beginners, Exponent for a variety of Product Case questions, Cracking the PM Interview and Preparing for Product Interviews are good books too to start with



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Important Tips / Suggestions:

Perfect your resume, anything on there, you should be able to answer. Skill: Good and structured Problem Solving

Any other relevant information:

Any form of product internships will be a plus point.



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SuperProcure

making logistics efficient

SuperProcure

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: Business Analyst

Selects: 2

Selection Rounds: 2

CTC: 12 LPA



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Name: Soham Agarwal

ID Number: 2018A2PS0150H

CGPA: 7.9

Role: Business Analyst

Recruitment Procedure:

Consists of 3 Interviews: Each interview consisted of some behavioral questions and some technical questions. Some easy situation-based questions were asked. Some questions were based on the problems tackled by the company and wanted to know the way candidates understood the solution to those problem statements.

When did you seriously start preparing?

At the start of the placement season.

Topics/ Skills essential/ recommended for selection:

Some knowledge of supply chain management. Going through the company's website and understanding everything in detail that's mentioned. Leadership Qualities and projects done.

Sources that helped in preparation:

Supply Chain Management course offered by BITS Hyderabad. The official website of the company. Case studies from Youtube and website.

Important Tips / Suggestions:

Be very thorough with the general HR questions.

Any other relevant information:

Candidates should be open to learning and exploring new avenues and supply chain management.



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Tredence Analytics (International)

Eligibility: B.E International students Only

CGPA Cut-off: None

Roles: Analyst

Selects: 1

Selection Rounds: 3

CTC: \$82,500 pa.



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Name: Satviki Sharma

ID Number: 2018AAPS1241H

CGPA: 7.3

Role: Analyst

Recruitment Procedure:

1st Round: Coding test, 3 hours long and had a variety of questions including general aptitude, hands-on coding, coding MCQs, guesstimate and an essay question.

2nd Round: The interview was a purely technical round in which I was asked a simple python coding question, a few SQL queries and was asked to elaborate on my previous data science internship experience.

3rd Round: The second interview round was with a VP and was mostly a general discussion round where I was asked about my interests, my projects and my previous internship experiences.

When did you seriously start preparing?

I had been preparing for IT placements from 3-2 and I already had projects related to econometrics, statistics and an internship in the field of data science which helped me out.

Topics/ Skills essential/ recommended for selection:

Logical and aptitude skills, projects/internships in data science or Analytics or something related to these can help a lot.





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ZS Associates

Eligibility: B.E. (all)

CGPA Cut-off: 6

Roles: Business Operations Associates / DAA

Selects: 3

Selection Rounds: 2

CTC: 13 LPA



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Name: Atharva Chikte

ID Number: 2018A2PS0148H

CGPA: 7.95

Role: Business Operations Associates

Recruitment Procedure:

1. A big online test round consisting of 50 MCQ then a round having a short case study in the same portal and a short video recording round to explain a guesstimate.
2. Case study round, you have to listen to the case study and solve it in an hour.
3. Interview on the discussion of the case study and its results and explaining to the interviewer how you arrived at the conclusion in detail.
4. HR interview or Managerial round, consists of basic HR questions.

When did you seriously start preparing?

Mid June

Topics/ Skills essential/ recommended for selection:

Case studies, Understanding of Business problems, Aptitude, Guesstimates, Puzzles, Guesstimates, Basic economic knowledge, quick mental ability

Sources that helped in preparation:

Drive links provided by PU, and aptitude tests material

Attend PU's resume-building sessions.

Victor Cheng and Youtube



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Important Tips / Suggestions:

Don't brag anything random (Tech skills) in your Resume, mention only those topics for which you are confident, solve the case study logically and guide the interviewer logically, and lastly prepare a few HR questions beforehand.

Analytical Skills

Basic SQL

Communication Skills

Basic Business Aptitude



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Name: J V N Ruthwick

ID Number: 2018A4PS0603H

CGPA: 7.84

Role: DAA

Recruitment Procedure:

1test and 2 interviews

1st interview was regarding how we attempted the test And other aspects of our resume

2nd interview was like an HR interview

1st Round: Test - questions on bar graph, pie chart, statistics questions

1st round was a written test testing aptitude and 2 guesstimates

2nd Round: Guesstimate Interview

No.of cork cricket balls sold in year?

How many thums up bottles will get sold in a year in india.

3rd Round: Case study Interview- The calculation was key and basic knowledge of finance and business-related to variable costs and PLF factor was sufficient. It was mostly numerical: faster and more accurate math along with general awareness was enough.

Business question- You can see there is a lot of competition for thums up in the beverages market. If thums up acquires your to increase the sales, what would you suggest them to do?

4th Round: HR Interview- Resume was grilled thoroughly along with a few general HR questions such as weaknesses and work ethic.

Market entry and profitability type questions asked.

When did you seriously start preparing?

2 months before the start of placements.





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Topics/ Skills essential/ recommended for selection:

Soft skills, excel, SQL ,Data Visualization, Guesstimates, Math, Data interpretation
Quant skills for logical reasoning, Good communication with the interviewer, Data Analytics

Sources that helped in preparation:

Placement sources casebooks of IIM-A, SRCC. Case studies on YouTube , Case interviews cracked book
Speer.in. : You can find mentors to guide you for your preparation and profile evaluation.

Important Tips / Suggestions:

Be very clear regarding your resume and the answers you give in your interview
Be well prepared with case studies and guesstimates.
Get well versed with data interpretation, Guesstimates
Know yourself and keep it simple. Working under pressure is what consulting is about, they would test how you perform under pressure. Make sure you know about the industry well.



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DOMAIN ET



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Infineon Technologies

Eligibility: B.E CS, ECE, EEE, ENI

CGPA Cut-off: 6.0

Roles: Test Engineer, Design Verification Engineer

Selects: 4

Selection Rounds: 4

CTC: 15 LPA (Base Pay) + 4 LPA (Bonus)



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Birla Institute of Technology & Science, Pilani
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Name: Jay Pankaj Shah

ID Number: 2018A3PS0533H

CGPA: 8.12

Role: Test Engineer

Recruitment Procedure:

1st Round: Online Test- Questions based on Analog Electronics, Digital Electronics, Power Electronics, Scripting, and Communication systems.

2nd Round: Interview- Basic questions on Circuits Theory, RLC circuits, RLC Responses, Filters, Communication Systems, and discussion on projects mentioned in the resume.

3rd Round: Interview- One question on STA, follow-up questions, and discussion on the same.

4th Round: HR Interview- Few general HR questions about short-term and long-term career goals.

When did you seriously start preparing?

Started preparing from the summer after 3-2. Revise all important concepts and subjects which were going to be important for placements as suggested by seniors. Speed Practice is key. Revise projects and have rough answers ready for general HR interviews.

Topics/ Skills essential/ recommended for selection:

EEE F111, Digital Design, Computer Architecture, Analog Electronics, ADVD, Signal Systems



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Name: Ashwin Mathew Olakangal

ID Number: 2018A3PS0544H

CGPA: 7.87

Role: Design Verification Engineer

Recruitment Procedure:

1st Round: Online Technical Test- Questions were based on Analog electronics, MEC, ADVD, Digital Design, Computer Architecture, and Programming. Regardless of your interest, all the technical tests will contain questions from all the domains of electronics. So, be very thorough in preparation for the above-mentioned subjects.

2nd Round: Interview - The interview was with a member of the verification team which was completely technical. Questions were asked on my project (Verilog implementation of 32-bit RISC-V processor), Verilog programming, digital design, computer architecture, and a few questions related to interrupts.

3rd Round: Interview - The interview was with the manager. Simple questions were asked on digital design and I was asked to explain all my projects in detail. After the interview, he explained what the team works on.

4th Round: HR Interview - The HR round was more of an informal discussion about my goals and plans for the future.

When did you seriously start preparing?

Start preparing at the beginning of 3-2/4-2(for dualites). Do not leave it late.





Topics/ Skills essential/ recommended for selection:

- Analog Electronics, MEC, ADVD, Digital Design, Computer Architecture, C Programming (basics).
- Prepare the course project on Computer architecture thoroughly if you have mentioned it in the resumé.

Sources that helped in preparation:

Coursebooks and slides for the topics mentioned.

Important Tips / Suggestions:

Be very thorough and concise in explaining your thought process while solving a question in the interview. The objective isn't to arrive at an answer (though that too plays a significant role) but to show that regardless of the problem you can communicate clearly about the challenges of the questions and propose approaches with or without feedback.





Birla Institute of Technology & Science, Pilani
Hyderabad Campus



Micron

Eligibility: B.E. (ECE/EEE/ENI)

CGPA Cut-off: None

Role(s): CSSD Validation Engineer

Selects: 1

Selection Rounds: 3

CTC: 17.15 LPA



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Hyderabad Campus

Name: Parijaat B Mitra

ID Number: 2018A3PS0402H

CGPA: 7.3

Role: CSSD Validation Engineer

Recruitment Procedure:

There were three rounds (one written round followed by two technical interviews)

1st Round: Online MCQ-based test- Aptitude, coding, and electronics-based questions (stick diagrams, current/voltage mirrors, amps, etc).

2nd Round: Technical round 1- mostly programming fundamentals and control system-related questions.

3rd Round: Round with senior manager of a team that the role you applied for fits in asked about aspirations and future plans.

Some people had 2 technical rounds too, depending on the candidate.

When did you seriously start preparing?

6 months before, I had started learning DSA, otherwise from the college curriculum, and had good knowledge of phoenix subjects

Topics/ Skills essential/ recommended for selection:

Problem analysis, coding fundamentals

Sources that helped in preparation:

Phoenix EEE syllabus is enough, with some CS subjects related to programming



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Hyderabad Campus

Name: Amith Kumar Vodela

ID Number: 2018AAPS0530H

CGPA: 9.25

Role: Associate (ASIC) Engineer

Recruitment Procedure:

There were three rounds (one written round followed by two technical interviews)

1st Round: Written round: Three sections

- Section 1 was Aptitude
- Section 2 was based on programming where questions related to C, C++, NLTK, DSA
- Section 3 was on electronics where the questions were from Digital Design, Verilog, STA, Basic MEC and other miscellaneous questions.

2nd Round: Technical interview-1.

- Differences between blocking and non-blocking statements
- A few code snippets and asked me to explain how the execution happens and what would be the result in Verilog
- Assign $c=a\&b$ and after 10ns say you change the value of b and then c changes meaning isn't c holding the value for 10ns. So how is it different from reg?
- Difference between Harvard and Von Neumann Architectures
- Explain the different types of caches
- Write the Verilog code for D-Flipflop
- A few puzzles
- A question on C programming and asked me my approach to solve the problem.
- Questions on OOP



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3rd Round: Technical interview-2.

- Describe your Computer Architecture project
- Several puzzles
- Write a Verilog code for traffic light controller with the specifications given
- In the traffic light controller, I've used \$time then I was asked whether the code is synthesizable and what would I do to make it synthesizable
- How many flip flops are required for state variables and for control signals of traffic lights how do you derive the logic
- Some general discussion

When did you seriously start preparing?

I started preparing seriously in May, immediately after comprehensive examinations got over for the first half of my time my focus was on revising my basics on Digital Design, ADVD, Computer Architecture, Verilog, and C programming then the latter half was on the practice of the respective topics, going through short topics like STA, Synchronizers, puzzles, and revision of projects.

Topics/ Skills essential/ recommended for selection:

Digital Design, Computer Architecture, Verilog, C++, OOP

Sources that helped in preparation:

- Digital Design and Computer Architecture: Lectures and slides by Chetan sir
- <https://www.indiabix.com/>
- <https://www.geeksforgeeks.org/puzzles/>
- <https://www.geeksforgeeks.org/digital-logic-number-representation-gg/>
- Output of C programs from Geeks for Geeks and Basic C programs
- <https://nptel.ac.in/courses/106105165>





Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Qualcomm

Qualcomm

Eligibility: B.E. ECE/EEE

CGPA Cut-off: 7

Roles: Associate HW Engineer / RF Engineer

Selects: 5

Selection Rounds: 4

CTC: 24 LPA



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Name: T Akshaya

ID Number: 2018AAPS0423H

CGPA: 9.32

Role: Associate Engineer (HW)

Recruitment Procedure:

There was one written test (Aptitude, Coding(SW), Electronics(HW)) followed by two rounds of interviews and a final HR call. The aptitude questions were standard, while the hardware section had gate-type questions from digital as well as analog. Interview-R1 consisted of a detailed discussion about my role and relevant projects done by me along with some theoretical questions. Interview-R2 had questions from all subjects of electronics (Communication systems, RF/Microwave Engg, digital and analogue VLSI, MEC)

What were the selection criteria?

- Resume
- Written Test
- Interviews

When did you seriously start preparing?

There was very little time to prepare from when the company was announced to come. Luckily I had started my preparation a week earlier with digital VLSI since I am least comfortable with that. After that, I completed analog electronics/MEC and SNS, control systems etc. Since I wasn't aware of what role I might be interviewed for, I also practised Verilog coding (starting from basic latches, gates, FFs etc. to standard FSM problems) and Static Timing Analysis. Finally, since most of my projects were related to RF, I went through EMFME and Antenna Theory and Design- which is what I was interviewed for. I also went through quiz questions from all courses, which helped immensely in problem-solving.





What were some critical topics/skills and projects essential for the process?

You have to be thorough with all subjects that are related to your role of interest in addition to other courses in electronics. You also need to be prepared to explain all projects in your resume and defend any questions asked regarding them.

Sources that helped in preparation:

- **For digital:**
 - Neso academy digital electronics playlist
 - Previous gate questions
questions.examside.com/past-years/gate/gate-ece
- **For analog:**
 - Kreatryx YouTube channel - Analog by Ankit Goyal
- RC circuit basics, time and frequency domain response etc.
- Verilog coding for digital roles
- Previous gate questions are extremely useful for both written tests as well as interviews
- Check out the top VLSI interview questions. Some questions are often repeated
- Other coursework- notes, slides, quiz questions"





Name: Chirra Akhil Teja

ID Number: 2018AAPS0469H

CGPA: 8.97

Role: Associate HW Engineer

Recruitment Procedure:

One written round followed by 3 interviews (2 Technical+1 HR)

Written Round:

A total of 3 timed sections was there

- Section 1- Aptitude
- Section 2- Basic C Programming, OS, Basic DSA
- Section 3- Next section we had to choose one among Software/Digital Electronics/Communications. The Digital part had questions from Digital Design, Basic OS, Computer Architecture, and Verilog.

Technical Interview (Round 1):

Asked to give a brief intro about me and my inclinations.

Next, he started asking questions on basic Digital electronics, Analog electronics

1. What is Parity Detector?
2. Explain Slew Rate and its implications
3. Explain Setup and Hold time violation and implications if conditions are not met
4. Draw SR Latch and show its truth table, input combination for which metastability occurs
5. Static CMOS implementation of NOR-2
6. What is Zener Diode and explain the breakdown?
7. Explain CMRR, how can we achieve high values of CMRR?
8. Explain Negative and Positive Feedback- Advantages of one over the other
9. Thevenin and Norton equivalents





10. Difference between Synchronous and Asynchronous Sequential Circuits

11. Difference between Mealy and Moore- Advantages of one over the other

Next, he asked how did you manage online labs and what are the problems faced. Finally, he asked if I had any questions that I felt asking him.

Technical Interview (Round 2):

Asked to explain my projects on my Resume. He asked me to use Jam board to draw a schematic of the project

Next questions were asked about my projects in depth. Later questions from Communication Systems, and Digital Electronics were asked

1. Draw frequency spectrum of DSB-SC, DSB-C, SSB
2. What is the advantage of SSB over DSB?
3. What is the advantage of DSB-SC over DSB-C?
4. How VSB modulated wave is achieved i.e., about filter characteristics required for it?
5. What is Hilbert transform? And how is it practically implemented?
6. What is QAM?
7. Difference between Latch and Flipflop
8. Applications of Flipflops in real life
9. Shift Register applications in real life
10. Explain Serial Adder and show its implementation
11. What is the USB protocol and mode of transmission in it?
12. Gave an RLC circuit and asked to plot Impedance vs frequency plot for it
13. Real life applications of RLC circuits?

Next, he discussed areas in which Qualcomm works and asked if I had any questions for him.

HR Interview (Round 3):

This round was telephonic and had common HR questions.





What were the selection criteria?

- CGPA cut-off

When did you seriously start preparing?

I started preparing seriously immediately after the Comprehensive Examinations are over. I started revising Digital Design, ADVD, Verilog, and Computer Architecture. Then I focused on miscellaneous topics such as STA, FIFO, and Synchronizers. Finally, I revised my projects.

What were some critical topics/skills and projects essential for the process?

- Digital Design
- Computer Architecture
- Analog Electronics
- OS
- Basics of DSA

Sources that helped in preparation:

- Indiabix for Aptitude
- Digital Design and Computer Architecture-Chetan Sir's Lectures and Slides
- For C Programming- gfg MCQs
- Verilog by Indranil Sengupta





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Name: Ubaid Khan

ID Number: 2018A3PS0541H

CGPA: 8.25

Role: Associate Engineer

Recruitment Procedure:

Online Test: Had three sections - Aptitude, Programming, and Technical, with 20 multiple choice questions in each section.

The aptitude part had typical quantitative questions. The programming part had questions on C. Technical part had questions mainly on Digital Design and Computer Architecture.

Technical Interview 1: Questions were asked mainly based on my resume and the project I had done in my PS 1. Some basic questions based on Digital Design were also asked.

Technical Interview 2: This interview focused more on Digital Design and Programming. A question on sequence detection was asked. I was also asked to code some basic circuits in Verilog, and in the end, was asked to code to insert an element at an index in a Linked List.

HR Interview: This was a short telephonic interview asking why I wanted to join Qualcomm, and whether I had any plans for higher studies.

What were the selection criteria?

- CGPA above 7



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When did you seriously start preparing?

- I started preparing sometime around/after the comprehensive exams of the previous semester. I initially focused on Digital Design, Computer Architecture, and Analog & Digital VLSI Design. Parallely I started doing aptitude questions, and also did some C programming. Setting a timeline on when to complete each topic and achieving it is important.

What were some critical topics/skills and projects essential for the process?

- Concepts of Digital Design, Computer Architecture and Microprocessors. Should have a good command of Verilog and C programming.
- Any Projects did, formally or informally should be mentioned. Also, confidence is key during Interviews.

Sources that helped in preparation:

- "For Digital Design and Computer Architecture, Chetan Sir's lectures and slides are helpful. Digital Design book by Morris Mano is a must-read for anyone targeting a Digital role. For Analog & Digital VLSI Design, one can refer to Surya Shankar Dan Sir's lectures.
- Apart from the above, going over Microprocessors, Analog Electronics, and Electronic Devices should be helpful.
- For C programming, going over CS F111 up to Linked Lists should be sufficient. GeeksforGeeks is also very helpful.
- For Aptitude, IndiaBIX is a good website to prepare from."





Name: G V N Naren

ID Number: 2018AAPS0352H

CGPA: 8.38

Role: Associate HW Engineer

Recruitment Procedure:

For us, there was one written test(online) and followed by 2 rounds of technical interviews and 1 HR interview.

1. ONLINE TEST:

The test was of 3 hours duration, with 20 questions per each section, and had about 3 sections with objective type questions.

- Section 1 had aptitude questions.
- Section 2 was about basic C programming.
- Section 3 was where we were given a choice to choose the domain(software/digital/communication). I chose the digital domain, in which the questions were mostly on basic digital design, computer architecture, Operating systems, ADVD, Verilog, Microprocessors.

2. TECHNICAL INTERVIEWS- ROUND 1(~50 mins):

- The first question I was asked in this round was to introduce myself and specify my areas of interest and the work/courses/projects I had done related to the same. The interviewer mainly focused on my computer architecture project and has asked me my approach to this project.
- I was then asked with some basic questions on computer architecture like:
 - The differences between the Harvard and the Von Neumann architectures and the applications of each architecture.
 - What is a cache, virtual memory, TLB.
- Was asked to represent certain decimal numbers in their signed, unsigned and octal forms,





- Some basic Verilog syntaxes and was asked to pinpoint the mistakes in the syntaxes that the interviewer gave.
- some questions on basic digital design and setup, hold times.

3. TECHNICAL INTERVIEWS-ROUND 2(~45 mins):

- I was yet again asked to introduce myself and was asked to explain about my projects(with again more emphasis on the computer architecture project and its approach).
- The first question he had asked me was rather a basic question on FSMs. As far as I remember, similar questions to this one had already been discussed in the class/tutorials.
- The rest of the interview was about C programming and followed by a couple of generic questions that were usually asked in the HR rounds.
- The questions on C programming were only on arrays and linked lists. I had to write pseudo codes(in C) to the questions/statements posed by the interviewer.

4. HR ROUND:

- It was a very short session that lasted about 5 mins and the interview took place on phone "

What were the selection criteria?

- First we had to apply to Qualcomm through the superset, after which the resume shortlisting was done. Once the shortlisting is done there will be an online test and followed by interviews for those students qualified in the written test.

When did you seriously start preparing?

- I started preparing seriously for the placements in the month of may, right after our 3-2 compres ended. First I had listed out all the courses that were important





from the placements point of view and collected all the relevant courses materials for the same. For computer architecture, I had mostly prepared from the class notes and slides. For digital design, I had gone through the morris mano text book along with the slides. For C programming as well, I had gone thorough the slides, which I think is more than enough for both the written round and the interviews. Since I was interested for digital role, I had devoted most of my time going through digital topics and put very less time on Analog topics. Apart from this, I had also gone through some basics of digital communication during my final days of preparation. As for aptitude, the materials provided by the placement unit/BITS are more than enough.

What were some critical topics/skills and projects essential for the process?

- If you are looking to get into hardware roles(particularly digital), one of the most important skills that companies look for, is your proficiency in Verilog. Apart from Verilog, even C language is considered to be an important skill. Be thorough with all the topics in computer architecture, the basics in digital design and the digital part of ADVD. It doesn't matter how many projects you include in your resume, all that matters is that how thorough you are with your project and how well do you present your project and its approach to the interviewer. It is always better to include those projects that are relevant to the field that you are applying in the company.





Your suggestions to someone preparing to appear in this company?

- Be consistent with your preparation and be thorough with all the things that you have learnt. Go through your project reports a day before your actual interviews and make sure you are perfect with all the technical aspects of your project. It is also better to know something about the company and its latest advancements in the market. Also prepare short notes(include all the new learnings that you make throughout your course of preparation and also include solutions to that doubts that you might have had during your preparation) throughout the course of your preparation and make sure to go through the same, a day before your written round/interviews. Most importantly, be confident of what you have prepared and give it your best shot. Feel free to approach any of your seniors for any suggestions regarding the preparation. ALL THE BEST.





Name: Guddanti Mohit

ID Number: 2018AAPS0321H

CGPA: 8.17

Role: RF Engineer

Recruitment Procedure:

There were 2 rounds of interviews and one round of Tests. In the online test general Electronics and Computer Architecture questions were asked. In the interview it was specific to my internship on PCB design. And general questions based on Communication Systems.

What were the selection criteria?

- Knowledge in PCB design and other RF structures learnt from courses and from internship

When did you seriously start preparing?

- I started preparing a month before placements. I went through my notes, textbooks for a few important topics and nptel for a few courses like ADVD etc.

What were some critical topics/skills and projects essential for the process?

- Electromagnetic Fields and Microwave Engineering, Digital Design, Communication Systems, Antenna Theory and Design, Computer Architecture, OS (Just for online test), Analog Electronics.

Your suggestions to someone preparing to appear in this company?

- Depending on the role, be ready for all technical questions. Mostly your basics would be tested and ques would be built upon how you answered your previous questions





Name: Hitesh Aryan Acharya

ID Number: 2018AAPS0384H

CGPA: 8.7

Role: Associate Hardware Engineer

Recruitment Procedure:

There were 4 rounds.

1. The first round was the online MCQ test. There were 4 sections of which you had to attempt 3. C programming and mental ability sections were mandatory. Communication/Computer Science section was optional. Although I was well versed with DSA and OS concepts, I chose to attempt the communication section. At least the questions would seem familiar and I could take an educated guess opposed to unfamiliar questions of DBMS/OOPS.

The questions were moderate in difficulty.

I was notified about my shortlist through mail at night. The interview was scheduled on Monday morning, 2 days after the online test.

2. The next round was the technical round. After a brief introduction, the interviewer asked me about basic BJT and JFET functionings, differences between BJT and MOSFET, advantages of BJT over FETs and vice versa, basic definitions like the Q-point etc. He asked me whether I was aware of the latest transistor technology which I declined (he named some FET which was completely new to me). He seemed quite happy with the interview and hinted at a second interview. My interview was done within 15 min; quite early compared to other students.

3. The second technical interview was scheduled on the same day afternoon. I had an hackerrank interface where I was supposed to draw. The interviewer explained me about the role, job description and expectations. This introduction took around 20 minutes. Then he asked me questions relating to basic electrical circuits. How would a DC circuit behave with only a capacitor, only a inductor, both, and no active components at all. Then he introduced an AC power source and repeated the questions. He tried to inject doubt into my mind but the key





here was to remain confident about your answers. Then we moved onto the basics of Fourier transforms. He asked me the reason to study Fourier transform and its differences from Fourier series. I was asked about FT of basic functions and their physical significance. Questions about negative frequency, negative phase, multiple frequencies were asked. In the end he asked some basic digital design questions. He asked me to draw a counter circuit (up/down, synchronous/asynchronous) and its state transitions. The interview lasted for more than an hour; longer compared to others.

4. The last round was the HR round. It was a simple phone call. She asked me about my location preference and it was over within 3 minutes.

What were the selection criteria?

- 4 rounds.
 - 1 online MCQ test
 - 2 technical interviews
 - 1 HR round.

When did you seriously start preparing?

- I started preparing for placements at the end of 3rd year. My plan was to sit for IT placements so I didn't prepare a lot for core. However, I attempted the practice questions prepared by the PU for Qualcomm. Through that I got a very good grasp on C programming which proved to be essential. I had no particular plan to study electronics. I prepared for my technical interviews a night before. I'll say if you've been consistent and thorough with your courses during you B.E., you should not face much difficulty during core placements.





What were some critical topics/skills and projects essential for the process?

- Chetan Sir's Computer Architecture slides are a must. Have a good grasp on the important topics (all topics in the second half of the course are important). He also taught Static Time Analysis and this topic is very important. Apart from that, go over the OS concepts from GFG. I studied OS through a channel on YouTube named Neso Academy. Qualcomm is predominantly a communication company, so questions related to digital hardware and communication systems are guaranteed. Analog electronics is not a priority here but do know the fundamentals of transistors and electrical circuits. If you've something to say related to the question, don't hold back (like when my interviewer asked me about BJT, I went ahead and told him about fabrication of the MOS and why polysilicon is used over metals etc).
- My résumé was inclined towards software and I didn't have any standout electronics project. I wasn't asked anything related to my projects. Be honest on your résumé.

Sources to help in preparations.

- GeeksForGeeks for Computer Architecture and OS.

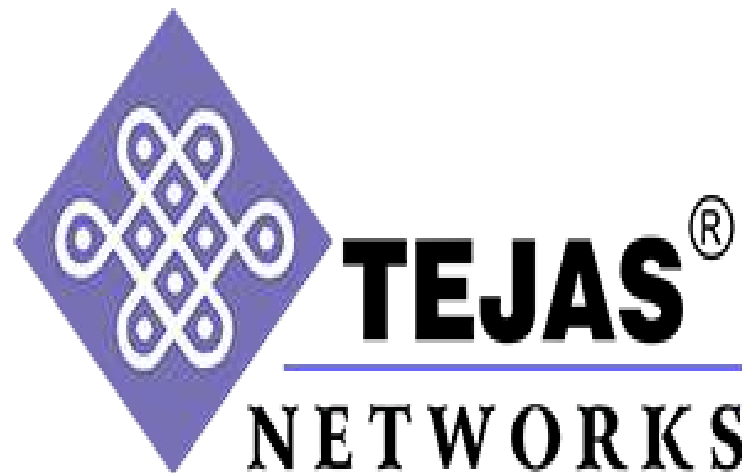
Your suggestions to someone preparing to appear in this company?

- The first round is usually the hardest round. But once you get past it, make sure you make it count. Interviews in Qualcomm are less of a viva and more of a discussion. You need to convince the interviewer that you're aware of the fundamentals in electronics. Be honest if you don't know the answer to a question. You're not expected to know everything.





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Hyderabad Campus



Tejas Networks

Eligibility: B.E. (all)

CGPA Cut-off: 7.5

Roles: Hardware Engineer

Selects: 1

Selection Rounds: 3

CTC: 10 LPA



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Hyderabad Campus

Name: Abhinand J Pai

ID Number: 2018A3PS0786H

CGPA: 8.62

Role: Hardware Engineer

Recruitment Procedure:

1st Round: Online Test

2nd Round: Technical interview (consists of 2 interviews)- Questions based on projects mentioned in the resume. Basic knowledge in CMOS, computer architecture, timing analysis, and Verilog language proficiency will be covered in these rounds.

3rd Round: HR interview

When did you seriously start preparing?

After completion of 3rd year.

Topics/ Skills essential/ recommended for selection:

- Basic knowledge of VLSI is important.
- Thorough knowledge of Digital Design
- Verilog, C++, and other related languages
- Relevant project in the area
- Good and warm communication skills

Sources that helped in preparation:

Placement Chronicles, geeksforgeeks, EEE 2nd, and 3rd-year textbooks.



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Important Tips / Suggestions:

Be very thorough with the info on your resume. Verilog proficiency is an added benefit. They also ask about microprocessors and their protocols. Do not forget about the initial qualifying test. They are often overlooked and are very important.



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Name: Abhijith S Rao

ID Number: 2018A8PS0651H

CGPA: 7.68

Role: Engineer, R&D

Recruitment Procedure:

1st Round: Online Test- Programming Basics & 3 DSA questions (2 Leetcode Easy + 1 Medium).

2nd Round: Technical interview (consists of 2 interviews)-

- Technical round 1 - The panel consisted of 2 engineers. Started off with basic algorithmic questions like binary search and implementing them from scratch. One or two trickier variants of Leetcode easy questions were asked. Then we were asked to explain the projects in the resume, and they followed it up with a few open-ended database-related questions based on the project. At the end, I was asked Programming & OOPS concepts & language-specific questions.
- Technical round 2 - The panel consisted of 1 senior engineer. Similar pattern as that of the previous round except that questions were a bit deeper and trickier.

3rd Round: HR interview

When did you seriously start preparing?

Started Leetcoding around 3-1 during the SI process but stopped after a month or so. Restarted around April-May 2021.



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Topics/ Skills essential/ recommended for selection:

DSA (mostly Leetcode easy, few medium), OOPS, OS.

Have at least 2 projects on your resume. More than how complex the projects are, your ability to explain them with simplicity and to respond to unexpected open-ended questions based on them matters more.

Sources that helped in preparation:

Online: Leetcode, InterviewBit (cheat sheets for OOPS, OS, and DBMS are present in InterviewBit which is ideal for last-minute prep), GeeksForGeeks, Striver youtube channel (this channel has a sheet with a great selection of DSA questions)

Books: Competitive Programmer's Handbook, Cracking the Coding Interview, Elements of Programming Interviews.

Important Tips / Suggestions:

Understanding of Programming & OOPS fundamentals, and DSA is crucial.

Any other relevant information:

People who were able to answer at least 2/3 of questions in the Online DSA round were mostly selected.





Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Name: Satviki Sharma

ID Number: 2018AAPS1241H

CGPA: 7.3

Role: Engineer, R&D

Recruitment Procedure:

1st Round: Online Test- There was one coding test with 4 DSA-based questions that could be answered in c/ c++ only and other than that there were MCQs based on Maths, English, and logical reasoning.

2nd Round: Technical interview (consists of 2 interviews)-

The first two rounds were similar in which I was asked to code 2-3 DSA-based questions which were of medium level and also asked to explain the concepts of OOPS via an example that needed to be coded on notepad as well. Along with this, I was asked to explain one project on the resume.

3rd Round: HR interview

When did you seriously start preparing?

Started preparing at the beginning of 3-2.

Topics/ Skills essential/ recommended for selection:

DSA, OPSS.

Sources that helped in preparation:

For DSA, used the DSA Self-paced course by geeksforgeeks and also used the must-do coding questions list of geeksforgeeks for practice. For OOPS, used the freecodecamp.org lecture series on YouTube.

Important Tips / Suggestions:

It was very important to know c++ in-depth for this particular company.



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Texas Instruments

Eligibility: B.E. ECE

CGPA Cut-off: 7

Roles: Analog Engineer

Selects: 1

Selection Rounds: 3

CTC: 25 LPA



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Name: Aroondhati Bhure

ID Number: 2018A3PS0528H

CGPA: 8.96

Role: Analog Engineer

Recruitment Procedure:

1st Round: Online test: Consisted of 3 sections- Aptitude (20 Questions, 30 minutes), Analog (20 Questions, 45 minutes), and Digital (20 Questions, 45 minutes). Each with a +1/-0.5 marking scheme. Navigation among sections is not possible.

2nd Round: Will consist of multiple technical interviews. In each interview, you are asked to choose a domain either Analog or digital.

3rd Round: HR interview- A verification round for your personal details.

When did you seriously start preparing?

5 months before placements.

Topics/ Skills essential/ recommended for selection:

Good hold on BITS Hyd ET coursework is a must, projects in the related fields.

Sources that helped in preparation:

- Network Analysis: Chembian T for intuitive RLC circuit analysis, Electrical and Magnetic circuits by Nagendra Krishnapura.
- DD, MPI, CA: BITS coursework and textbooks.
- FSM: <http://web.mit.edu/6.111/www/f2005/tutprobs/fsms.html>
- Verilog: ASIC-world, Verilog HDL by Samir Palnitkar, Indranil Sengupta NPTEL lectures.
- MEC: Sedra Smith, circuit intuition from <https://www.eecg.utoronto.ca/~ali/intuitions.html>





- ADVD: Weste, Rabaey, Razavi, ADVD and Advanced VLSI Design lectures by SSD sir.
- STA: VLSI-expert, lectures by SSD sir from Advanced VLSI design.
- Analog: KRK lectures from <https://nptel.ac.in/courses/117108107>, Analog IC Design by Nagendra Krishnapura.
- Interview experiences: PlanetSkillzz channel on YouTube, vlsi4freshers.com.
- Aptitude: Indiabix, GFG for puzzles.
- GATE questions.

Important Tips / Suggestions:

Section-wise Details of the round 1 test are given below:

(i) Aptitude: Work/time, Probability, Percentage, Puzzles. Speed is the key in this section.

(ii) Analog: Network Theory (RLC network, steady-state, transient response for step/sinusoidal current/voltage source, its Q factor, Thevenin/Norton theorem, Two-port network, 2nd order RLC), MEC (MOSFET/BJT operation regions, Single-stage amps – CG, CD, CS, Gains, Input/output impedances, Differential amp, Miller theorem, second-order effects), Control Systems (Pole/Zero computation and effects, Bode plots, stability, Lead/Lag compensation, Second-order characteristics, Laplace, ILT, graphical frequency response), Signal and Systems (Convolution, Nyquist, All signal transforms), AE (OPAMPS-open-loop, closed-loop, Virtual ground till Multivibrators, Positive/Negative feedback, Oscillator-Wein Bridge and Twin T, Barkhausen condition, simple DAC/ADC conversions), Buck/Boost converters (voltage-sec balance concept). Then questions were slightly difficult in this section.

(iii) Digital: DD (Number conversion, Logic gates, K Maps, MUX, Encoder, Decoder, FF, Latches, Combinational/sequential circuits, FSM-Mealy/Moore, Counters, Pattern detectors, f/n Clock Divider for integer and fractional n,





Synchronizers, FIFO depth), Verilog, MPI+Comp Arch (Booth Multiplication, Read/Write cycles, Interrupts, RAM, RISC, CISC, Pipelining, Cache hit/miss ratios), ADVD (CMOS inverter, Power, Power losses, Delay, Elmore Delay, LE for different CMOS circuits, Logic Gate designing, Layout basics, Setup/Hold time, STA, Ways to remove violations, Memories, Front/back end, ASIC design flow). Usually, questions are of easy difficulty level.

Details of round 2 interview questions are given below:

A. Digital Questions:

- i. Input, output, and clock waveform were given for overlapping 10...1 sequence detector. The question was to design the logic circuit and explain trade-offs between the solutions. (using FSM or shift registers)
- ii. Design logic circuitry for a given input and output scenario (using FF and MUX).
- iii. Design a circuit whose output goes high for 1 cycle when input transitions from 0 to 1 (using FF and gates).

B. Analog Questions:

- i. RLC circuits with voltage/current source and their time constant with transient i/v waveforms.
- ii. Output voltage of non-inverting OPAMP with an R between P and N terminals. Next, the output voltage of non-inverting OPAMP with positive feedback. Does Vout change or remain constant?
- iii. Voltage in a circuit with discharged and precharged caps after the switch is opened. (Apply charge conservation)
- iv. Output and N terminal voltage waveforms for an integrator with a time constant smaller than the input time period.

Drive link for the detailed interview questions and solutions:

<https://drive.google.com/file/d/1CuH7NpzbjOQDxfotYr9A5BspUIWFTxNR/view?usp=sharing>





- In the resume, clearly mention key achievements, projects, papers/publications, interest areas, and grades in relevant courses.
- After the written test, the interview is usually within a week. So, have your basics revised early on.
- Think out loud while solving the questions. This will help the interviewer give correct feedback on your approach.
- For open-ended questions, you can ask them queries and narrow down the scope (make sure you know what they will ask next).

Any other relevant information:

- **Common interview questions:**

Design of N input gate with a minimum number of 2 input gates, Reason for delay in logic families, Why is CMOS logic preferred, Which has better performance - 3-input OR gate vs 2 stages of 2-input OR gates, What happens if you interchange NMOS and PMOS positions, Ordering of inputs to N input gate based on arrival times, Strong 1/0 concept, Latch-up and ways to prevent it, VTC for inverter and its regions, What is metastability and reason for it, Setup/hold time, its violations and ways to overcome, maximum clock frequency from STA, Parity checker, Blocking/non-blocking statements, Verilog code for D FF with synchronous and asynchronous reset.

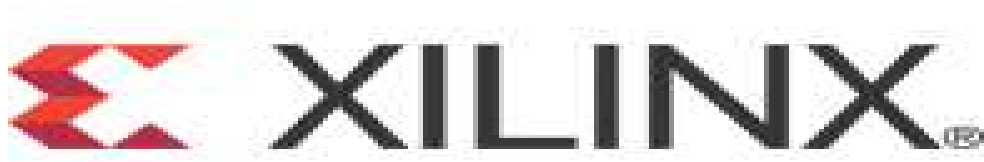
- **Different roles:**

Need to choose one or two roles to prepare for, to begin with. There are Analog/RF/Digital/Verification/Validation roles. For the Analog and Digital role combination ED, DD, MPI, CA, MEC, ADVD, and AE subjects are most important. Along with that, the previous year's placement chronicles for BE and ME helped to find out topics to study.





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Xilinx AMD

Eligibility: B.E.ECE/EEE/ENI

CGPA Cut-off: None

Roles: Design Engineer

Selects: 1

Selection Rounds: 3

CTC: 21 LPA



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Name: Abijith Y.L.

ID Number: 2018AATS0448H

CGPA: 8.65

Role: Design Engineer

Recruitment Procedure:

1st Round: Written Test

2nd Round: Technical interview round

3rd Round: Technical+HR round

When did you seriously start preparing?

2 weeks before the commencement of the placement drive.

Topics/ Skills essential/ recommended for selection:

Digital Design, Computer architecture, ADVD Analog Electronics, and Comp Arch/MEC basics.

Sources that helped in preparation:

1. Slides and notes of DD, ADVD, Comp arch
2. Course textbooks

Important Tips / Suggestions:

1. Be thorough with the basics. That is more than enough to crack the written and interview rounds.
2. Perfect DD first and then move on to ADVD. Also, go through named circuits in Analog Electronics and practice a few circuit solving problems from MEC. Comp Arch and Verilog knowledge are advantageous.



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MIKO.AI

Eligibility: B.E. CS/ET

CGPA Cut-off: 0

Roles: Robotics Engineer

Selects: 1

Selection Rounds: 3

CTC: 14 LPA



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Name: Jay Kharade

ID Number: 2018A3TS0852H

CGPA: 8.67

Role: Robotics Engineer

Recruitment Procedure:

Round 1 - One interview with 2 different people - the first person asked basic 2 DS questions and was satisfied with pseudocode, 2nd person asked technical questions on robotics concepts such as SLAM, 3D Vision, Machine learning.

When did you seriously start preparing?

I had been working in Machine learning and Robotics for my thesis in 4-1 so did not require special preparation as such. However, 2 days before the interview, I revised some basic concepts on ROS, Pytorch and some Linux fundamentals.

Topics/ Skills essential/ recommended for selection:

I think prior experience in ML and Robotics played the biggest role as the 2nd interviewer was quite happy with the work I had done for my thesis.





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Deepak Fertilizers

Eligibility: B.E. (Chemical)

CGPA Cut-off: None

Roles: Graduate Engineer Trainee

Selects: 1

Selection Rounds: 3

CTC: 8.21 LPA



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Hyderabad Campus

Name: Aditya Prashant Ambadkar

ID Number: 2018A1PS0725H

CGPA: 8.21

Role: Graduate Engineer Trainee

Recruitment Procedure:

3 rounds and the questions were based on chemical engineering core subjects

When did you seriously start preparing?

From 3-1

Topics/ Skills essential/ recommended for selection:

Heat transfer concept

Sources that helped in preparation

Core subject Textbook

Important Tips / Suggestions:

Be confident with your core subjects



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ExxonMobil

ExxonMobil

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: Graduate Engineer Trainee

Selects: 3

Selection Rounds: 3

CTC: 11.41 LPA



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Name: Utkarsh Upadhyay

ID Number: 2018A1PS0822H

CGPA: 9.02

Role: Graduate Engineer Trainee

Recruitment Procedure:

1st Round: Online Test: Test Pattern: 1 for every correct answer, no negative marking. Aptitude questions (bit more difficult than what are present on placement portal which is shared by the PU) & technical questions (no extensive numericals or calculations. Just decent quality conceptual and graphical questions)

Paper 1: Aptitude Test: 60 Questions – 60 Mins (3 sections: English – 15 Qtns, Analytical – 25 Qtns, Quantitative Aptitude – 20 Qtns)

Paper 2: Technical Test: 30 Questions – 30 Mins

2nd Round: Group Discussion (10-12 mins, with 1 min prep time): Everyone will given a chance to say an introductory line on the topic (mine was Invention vs Innovation) following which the group discussion starts (usually a group of 8) and at the end everyone is asked to conclude the GD.

3rd Round: Just one single interview which can be broadly divided into the following three parts in sequential manner:

(a) Questions based on your resume (thoroughly go through what you put on your resume)

(b) Technical questions (this part may or may not exist depending upon the interviewer and his mood but in case it's there, then you'll be specifically asked for your favorite subject and then questions will be asked specifically on that subject (better chose Thermodynamics/Fluid/Separation/Heat transfer)





(c) Behavioral questions (your biggest regret; smart work vs hard work; most important skill for a leader and where you showed it, etc. This part of the interview is honestly the most important part. Make sure your answers reflect that you are a positive person, rules-are-rules type guy, cheerful (smiling and small conversational jokes won't hurt) and optimistic.

When did you seriously start preparing?

Started doing aptitude questions on the placement portal shared by PU a month before Exxon came. Started reading NPTEL notes on Fluid mechanics (the subject that I had decided I'll be choosing in the interview) two weeks before Exxon came. Started Reading class notes of all major CDCs a week before the written test. Did group discussion practice with batchmates and seniors two days prior to GD round. Studied my resume very seriously and called almost every senior who sat for the Exxon interview the night before my interview.

Topics/ Skills essential/ recommended for selection:

2nd year core engineering concepts (Solid mechanics, fluid dynamics, thermodynamics, mat sc). You should have good communication skills (important for this company especially). You should be able to communicate your thoughts and experiences with the interviewer effectively, whether it be about technical stuff or your project/internship experiences, how you can handle people, etc.

Sources that helped in preparation:

Class notes for written test (can refer to NPTEL slides but they are present only for selected subjects); PU portal for aptitude





Important Tips / Suggestions:

More than anything, it's your behavior that's gonna matter. Might sound stupid so here's my example: I couldn't answer something as basic as Bernoulli's theorem lol but I joked about it and simply accepted that it's not hitting to me right now. They were cool with it and laughed with me. No matter whether you have studied core seriously or not, you still have a decent chance. Just make sure to be confident during GD and interview, maintain a smile, make them believe that you got positive attitude and you can get through.

Also, talking to seniors (especially who couldn't make it) really helped a lot. They somehow knew what they did wrong and told me what all NOT to do and it really helped





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LARSEN & TOUBRO

Larsen & Toubro Limited

Eligibility: B.E Chemical, Mechanical, Civil

CGPA Cut-off: None

Roles: Graduate Engineer Trainee

Selects: 2

Selection Rounds: 2

CTC: 6 LPA



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Name: Shivashri Gupta

ID Number: 2018A2PS0798H

CGPA: 8.3

Role: Graduate Engineer Trainee

Recruitment Procedure:

1st Round: Online Test - Aptitude Section (English+ Quantitative Reasoning + Logical Reasoning), Technical Section

2nd Round: Interview - Extempore and Technical Questions

When did you seriously start preparing?

I prepared 2 days before the written test and 1 day for the interview using my class notes, YouTube videos, and online articles.

Topics/ Skills essential/ recommended for selection:

DRC, Foundation, CEM, MOS, Soil

Sources that helped in preparation:

Course material given by professors in labs and lectures.

Important Tips / Suggestions:

In-depth technical knowledge is required to clear the technical section and interview.



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Hyderabad Campus

Name: Gyanam Praharshitha

ID Number: 2018A4PS0821H

CGPA: 7.81

Role: Graduate Engineer Trainee

Recruitment Procedure:

1st Round: Online Test - Aptitude Section (English+ Quantitative reasoning+Logical reasoning), Technical section

2nd Round: Interview - Straightforward questions were asked and discussion about the relevant projects mentioned in the resume.

When did you seriously start preparing?

I was seriously preparing for the placements and also GATE. So, that helped me ace the preparation.

Topics/ Skills essential/ recommended for selection:

Fluid dynamics, Machine design and drawing, Kinematics, and dynamics of machine, Production techniques, Solid Mechanics, Theory of Machines, Thermodynamics, Heat Transfer, and knowledge of Tech Stacks.

Sources that helped in preparation:

Mechanical Notes from the Internet and Classes



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Reliance Industries Limited

Eligibility: B.E. (all)

CGPA Cut-off: None

Roles: Graduate Engineer Trainee

Selects: 1

Selection Rounds: 2

CTC: 7.5 LPA



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Birla Institute of Technology & Science, Pilani
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Name: NITIN V.P.

ID Number: 2018A1PS0942H

CGPA: 8.43

Role: Graduate Engineer Trainee

Recruitment Procedure:

1st Round: Online Test- To Check your basic chemical knowledge and general aptitude.

2nd Round: Interview- Topics- Heat transfer, Mass transfer mainly distillation columns and heat exchangers, know your dimensionless numbers.

Topics/ Skills essential/ recommended for selection:

Knowledge of chemical core subjects.

Sources that helped in preparation:

CDC textbooks, a few online basic interview questions.

Important Tips / Suggestions:

Heat transfer and the mass transfer are important, know the heat exchangers and distillation columns completely. Core projects would always help, know what you put up on your resume.

Any other relevant information:

They were looking for students who possessed a decent knowledge of chemical core aspects.



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ANAND Group

Eligibility: B.E. (A4)

CGPA Cut-off: 0

Role(s): Graduate Engineer Trainee

Selects: 2

Selection Rounds: 3

CTC: 6.5 LPA



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Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Name: Mantrala Venkata Kalyan Ram

ID Number: 2018A4TS0156H

CGPA: 7.43

Role: Graduate Engineer Trainee

Recruitment Procedure:

1st Round: MCQ based - Mostly theoretical questions or simple problems

2nd Round: Group Discussion

3rd Round: Interview

General questions and a few simple problems

Topics/ Skills essential/ recommended for selection:

Relevant coursework and projects, thesis in Manufacturing.



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WCB Robotics

Eligibility: B.E Mechanical

CGPA Cut-off: 6

Roles: Mechanical Engineer

Selects: 2

Selection Rounds: 3

CTC: 8.5 LPA.



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Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Name: Sriram Kodey

ID Number: 2018A4PS0671H

CGPA: 8.32

Role: Mechanical Engineer

Recruitment Procedure:

1st Round: Technical round: questions about mechanics and rigid body motion from PHY 101, mechanics of solids and kinetics and dynamics of machines from 2nd-year mech CDC's

2nd Round: GD: This round was to come up with design ideas for a given problem with design restrictions. The interviewers noted the capability to apply concepts learnt in classes to practical situations and the understanding of different subsystems in a robotic system and the influence they have on each other.

3rd Round: HR round

Topics/ Skills essential/ recommended for selection:

Work in the field of design and automation and Coursework that is essential for Robotics. All my projects and internships helped the recruiter gain confidence in my profile.

Important Tips / Suggestions:

Work on projects in the field of robotics and develop a holistic view. Understanding how mechanical design, controls and electronics and software come together in robotics is key.



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DOMAIN OTHERS



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Byju's

Eligibility: B.E. (All)

CGPA Cut-off: 5

Roles: Content Developer

Selects: 2

Selection Rounds: 3

CTC: 8 LPA



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Name: V ABHISHEK

ID Number: 2018A1PS0057H

CGPA: 6.63

Role: Associate content developer

Recruitment Procedure:

Round 1: It was an online test with around 26 questions each of three subjects viz- math/bio, physics, chemistry. There was also mental ability.

Round 2: 2nd round being of ppt, its objective was to gauge the creative writing of the candidate, there were 3 parts, 1st-to give a detailed solution of a question of your choice, 2nd - write a story about a famous person, but with your own creative twist. 3rd- make a visual presentation to explain a given topic.

Round 3: it was the interview round, general questions about your choice of subject were asked, they were more about the conceptual strength you have about the subject and how much clearly you understand the given topic.

When did you seriously start preparing?

2 days prior to the selection process. HC verma and NCERT were the only two resources which are sufficient and must. Give a read to the major concepts and prepare a single topic thoroughly. Its better to choose the whole mechanics section instead of a particular chapter as your preferred topic for interview, to make sure the interviewer only asks questions within the bounds and don't go off topic due to lack of questions in that topic. make sure to memorize Newton's laws and 3 laws of motion.

Topics/ Skills essential/ recommended for selection:

Basics of PCM of +1 and +2

Sources that helped in preparation:

Byju's website +1,+2 material and NCERT textbook.





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VIACOM 18

Viacom 18

Eligibility: B.E All

CGPA Cut-off: None

Roles: Senior Executive, Business Development

Selects: 5

Selection Rounds: 3

CTC: 12 LPA.



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Name: G.Aalwar Sundaram

ID Number: 2018A4PS0650H

CGPA: 6.42

Role: Senior Executive

Recruitment Procedure:

1st Round: Resume shortlisting round.

2nd Round: Technical interview round: The recruiter started with questions on the resume, projects and PS 1 & 2 Experience. He was trying to gauge whether I was inclined towards the role or not. The recruiter then asked a few puzzles. Lastly, questions were asked on a Case Study and a Guesstimate.

When did you seriously start preparing?

After 4-1 started (I would recommend starting the preparation at least 2-3 weeks before the placement drive starts)

Topics/ Skills essential/ recommended for selection:

Projects related to Data Analytics and Business Development, SQL, Python, Puzzles, Case Studies and Guesstimates

Sources that helped in preparation:

- Puzzle books
- Case Studies and Guesstimates - Youtube and Websites
- SQL/Python - Online Courses or Youtube

Important Tips / Suggestions:

Be confident in your answers, don't lie, don't be vague, and properly research the companies before the interview.





Name: N Sampath

ID Number: 2018A5PS1115H

CGPA: 5.1

Role: Senior Executive

Recruitment Procedure:

1st Round: Resume shortlisting

2nd Round: Interview (case study + HR). The first thing they asked about is an introduction and previous work experience and internships. They asked me to brief them about my PS2 (DBOI). They gave me 2 small puzzles to solve and asked for a case study (root cause analysis) . They didn't give me much time to think about it and asked me to explain the steps and leave the number. At last, there was an HR question which I didn't answer straightforwardly but asked questions like a case study to get clarity.

When did you seriously start preparing?

I was selected in sem 2 while doing my PS2 so I started pretty early in my sem 1, I read case interviews cracked, decode and conquer, victor cheng videos pretty much everything related to Product management and consultancy roles.

Topics/ Skills essential/ recommended for selection:

- Product management
- Consultancy Case studies.





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Sources that helped in preparation:

- Case interviews cracked
- Decode and conquer
- Victor Cheng videos.

Important Tips / Suggestions:

Asking the right questions is essential and in some cases can get some Brownie points.



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Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Name: Kaitav Shah

ID Number: 2018A3PS0358H

CGPA: 7.2

Role: Business Development

Recruitment Procedure:

1st Round: Resume shortlisting

2nd Round: The interview had guesstimates and case challenges.

When did you seriously start preparing?

1 month before placement season but my preparation was very weak.

Topics/ Skills essential/ recommended for selection:

SQL, basic python, aptitude and mental ability, case challenges, guesstimates

Sources that helped in preparation:

- All the materials provided by PU are more than enough to crack any company. Practicing them again matters more than gathering more diverse resources.



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