(Internal document for only mentoring students so they can learn from dev/dsa interview experiences of other students)

(Fill this doc with interview experiences of your companies)

0)Tarun - 2020 Grad ; cracks offcampus role for dev for flutter his experience :->

(10 lpa)

-> He got the job through naukri.com and good resume

->Resume: [Tarun\_Resume\_23.pdf](https://drive.google.com/file/d/1NtrHg1MDVbLxL4MFfeNtnzQNxo-tghMP/view?usp=share_link)  
-> linkedin : <https://www.linkedin.com/in/tarun-singh-41b89b131/>

Experience :

Im Tarun , I have flutter ,django work exp. 1.8 years

Startup

Position - Flutter dev

Round 1 30 mins

Intro work ex tech stack

- what do you do position and responsibilities

- Flutter stateful stateless

- benefits flutter

- which state management do we use in the company - redux -- how does redux work -- action , state , store

Round 2 40 mins

- Pagination flutter why we use it

- context flutter

- State management Provider --- i have used Redux so told him i worked on Redux so i can quickly catch hold of provider

- what is Consumer ,

- Cross Axis Alignment and MainAxisAlignment

- UI ---> how would you design signin page -- which widgets we will use - verbally explained

- Code Union and Intersection function

Round 3 with the Owner

- He Told about the company and what they are expecting from me --about their funding -- what their app does - how is it helping people -- tech stack they are using

- Why do you want to Switch -- looking for Growth , where i can learn new skills , work on different things

- Coding -- u like coding , where do you code checked my profiles -- leetcode

- He asked if your company Matches our offer what would you do -- told him as they were building the app from scratch using flutter - i can get more experience of leading and building an application from scratch -- working in different directions - work on deploying the application which i haven't done yet , get to work on Golang as well [ their backend is in Golang ]

- At last he asked if i want to join then only he will role out the offer

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1)Muallem - He got both offers offcampus from startups which ask dev. Both from linkedin recruiters contacted because of a good linkedin profile and resume showcasing dev skills.

->Resume and Linkedin :

Experience :

[Mritunjay\_Resume.pdf](https://drive.google.com/file/d/19tXbPwEQrfwBN6gz5Vyu11Yux1pta9Tw/view)

10 lpa vala 1st company that -

Only two rounds

1 - dev assessment round given a problem statement build app in react redux typescript and deploy. Share the code and link

2 - normal discussion round with developer about react , redux thunks.little bit about docker.

13 lpa

1. Test link having 2 questions

1. Hashing pe ( non repeating chars )

2. Dp based on house robber , just we have to take home with 2 diff

2. React js round

Share screen and code in front , given a API fetch results and show in table.

Sort the table based on name. And add item to table on form submission but added item should be in sorted order.

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2)Mritunjay cracks a 10 lpa startup off campus for dev role ; his experience..

Applied through LinkedIn by sending dm to the owners

Linkedin: <https://linkedin.com/in/mritunjay-gupta>

Resume:

By following projects tutorials from Youtube, and Udemy, I really gotta know how things work and it was very helpful.

His experience :

So the questions was about mainly javascript

Data fetching

Rendering

Iterators

And machine coding round like code up a to-do list and take input n from the user and display a n\*n matrix

In the form of a chess board

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**3. Backend Intern - PocketFM**How did I apply? - Saw backend intern opening on LinkedIn, texted the job poster.

No OA

Round 1: 30 minutes CORE (more on DBMS and OOP) + 30 minutes DSA + 10 minutes about last year project - technologies used? Why these technologies? Some basic questions around js.

Round 2: 15 minutes SQL queries + 1 DSA + A puzzle.

No HR

**4. SDE Intern - AiDash**How did I applied? - Directly applied on a website.

Round 0: Again why AiDash? WhOA link - was able to solve 1.5/2

Round 1: 2 DSA + asked me to tell about my best project till date + Why AiDash?

Round 2: 1 DSA (DP medium) + Next 3 years goals

Round 3: (HR)y Startup?

**5. Software Engineer Intern - nbyula**

How did I applied? - Directly applied on a website.

No OA

Round 1: 2 DSA

Round 2: Interviewer asked me if I am good at cp, I said… no (in-directly) and he was happy with it and directly jumped on React questions… continued for 20 minutes (all were famous-basic questions)... then asked me to open react sandbox and gave me a easy-medium problem statement to code for. Did that with little help (got nervous, ofc)  
At the end, he asked me why nbyula? He was very happy with the response, and said you are good fit.

Round 3: With co-founder. Asked me about caching… for 1 hour 30 minutes… One of the hardest round I ever had… but he wasn’t looking for perfect answer… he just wanted to check how much I know related to caching and its use.

Round 4: (HR) salary negotiation and all…

6. **Software Engineer - Accolite Digital** (Ruhani)

How did I apply? She coders program - off campus

Round 1: Assessment - 30 MCQS and 1 coding question

Round 2 Technical : Dsa easy to medium question . Merge sort algo. Loop in linked list

Round 3 technical: Dsa - remove duplicate from array, he gave some code and told me to tell output, detailed discussion on OOP concepts

Round 4 technical: DSA- reverse linked list, swap without temp variable. Theory of OOP

Round 5: HR- why accolite? How will you manage the team if you are the lead? Salary discussion

7. **8lpa Job at IIFL Livlong** (On Campus)

Round 1 : Aptitude test (this consists of technical questions based on the core subjects DBMS, CN, OS along with OOPS. They also had pseudo code questions)

Round 2 : Technical Interview 1

Introduce yourself

Explain your project

Achievements on the resume mentioned.

1 DSA question was asked and was told to share the screen and code that. Time Complexity and Space Complexity of sorting and searching algorithms were also asked. Took around 45 mins to wrap up the interview. Do ask 2-3 questions to the interviewer at the end of the interview.

Also 1 logical question was asked

Round 2 : Technical Interview 2

Introduce Yourself

1 DSA Question was asked, gave the logic, was told to optimise the solution, did that too.

Took around 25-30 mins to finish the interview.

Asked a logical question at the end.

**8. Fractal Analytics Oncampus**

OA Round 120 min-217 mcq Qs 11 section

mix of speaking & listening skills, aptitude- numerical, analytical, abstract, critical thinking

Shortlisted on the basis of both Round 1 and Resume then 2 technical+1 HR round

Interview round 1

The interviewer asked me about each and every detail written on my resume. There were several Qs on my project tech stack, python basics, javascript, followed by 1 easy Q on BT (I had to explain the logic only)

Interview round 2

Qs on javascript, python and he asked me about what algorithms we have studied in my last sem in ML-AI subject(part of course curriculum in 6th sem),

Then he asked coding Q on tree traversal had to write it's pseudocode followed up by its variation (strictly asked to modify the pseudocode and dry run)

And diff between merge sort and quicksort their time, space complexity

Lastly 2 puzzles

Round 3- HR

My introduction then Puzzles, situation based Q, HR Qs ~ 5Qs in 30mins

9) **SWE Intern Red Hat**

Name: Aayush

LinkedIn: <https://www.linkedin.com/in/aayush-saini-0a25931b1/>

Resume used: [Aayush’s Resume](https://drive.google.com/file/d/1C2UMq6kbHN9RG8y5uJgF-ZtwJhlg77BF/view)

How did I Apply ?

: I applied via a form which i got from my senior, He is currently working in RedHat.7

Round 1: OA

There were total three Questions, Two Questions were on based on Recursion and Backtracking, and third question was simple bruteforce. The Difficulty level of this round was easy-medium.

Round 2: Technical Interview [ Duration: 1.20 Hours]

1. Asked Questions related to my Projects, and all the Open Source Contribution that I had done in my Past.
2. Asked in-depth questions of Java language.[ Internal Working of HashMap, Flow of Exception Handling in Java]
3. DSA Question on Google doc [ Implementation of the modified doubly linked list. He wanted to check OOP concept]

Round 3: Hiring managerial [ Duration: 45 Min]

1. Why Red Hat ?
2. Some Scenario based Questions related to my projects.
3. Asked Questions about my past internship experience

After this Round, I got Mail from the HR. Selected

10) Name:- **Saurabh Jejurkar**

My Linkedin:- <https://www.linkedin.com/in/saurabhjejurkar/>

My Resume:- [Saurabh\_Jejurkar\_SDE\_Intern\_Resume.pdf](https://drive.google.com/file/d/1reFXvYJCU8Q2py6IfhTDu30tt9rOewm6/view?usp=sharing)

1. **SWE Intern Uptycs [Off Campus]**

How did I apply ?

: Contacted HR via friends referral through Linkedin.

Round 1:- OA [Duration 90 Min]

* Aptitude questions- Difficulty level Hard- It was not MCQ based we have to write down the answer in text box
* DBMS, OS, DSA, OOPS questions- Difficulty Level Medium- All was MCQ
* 1 DSA question based on Array- Difficulty level Medium
* 2 Problem solving based question- Difficulty level Hard- We have to write down the approach to the given problem with code

Round 2: Technical Round [ Duration 1 Hr][Difficulty level Medium]

* 2 DSA Medium level questions: Here engagement with your interviewer matters alot. Explained him all approaches with time and space complexities and dry run the code and told him edge cases.
* Theory questions on OOPS, OS,DBMS and SQL

Round 3: Technical Round [Duration 1 Hr][ Difficulty Level Hard]

* Asked to Designing databases , It was like designing an object oriented database table.
* Given some problem statement, I have to write down queries for It.
* This round was all about testing Development skills.

Round 4: Managerial Round[ Duration 10 mins]

* General HR Question
* Discussion about my offer
* Selected

1. **Data Scientist Ab Inbev GCC [On campus]**

Round 1:- OA

* MCQs consist of Aptitude, DSA,DBMS,OS,OOPS
* 1 DSA question

Round 2:- GD

General Topic like wfh vs wfo

Round 3:- Case Study

They have given one problem statement and we have to come up with solution in that case study.

(verdict rejected)

1. **SDE Epam System [On Campus]**

Round 1:- OA

1. Aptitude , English, MCQ on CS fundamentals
2. 2 DSA questions of medium level

Round 2:- OA

1. MCQ on Java and OOPS

2. 1 Oops based coding question

1. 1 Easy level DSA question

Round 3:- GD

General topic

Round 4:- Technical Round

Theory questions on Java , Oops and DSA

Round 5:- HR round

Situation based questions. Interviewer was rude. He was excepting other answers from me.

(verdict- Rejected)

1. **Front end Engineering intern Supermind [On campus]**

Round 1:- OA

* 3 Hard Level DSA questions

Round 2:- Technical Round

- Dev based questions on Javascript and React

Round 3:- Technical Round

- Dev based question on react

- 1 DSA question (level medium)

(verdict - no response from company)

11) Name - Vipin Tripathi

Resume - [Vipin\_Tripathi\_Resume.pdf](https://drive.google.com/file/d/17Ra88qxyQLy54HHpgr1JZFdbCYb3F1fJ/view?usp=sharing)

1. **SWE Intern** [Ribbon Communication Pvt. Ltd.](https://www.google.com/maps/place/Ribbon+Communication+Pvt.+Ltd./data=!4m2!3m1!19sChIJu4gZKukRrjsRmPvL8_Hw5ZA) (Selected)
   1. Cold Mailed the Manager
   2. Interview -> [Ribbon Communication Pvt. Ltd.](https://www.google.com/maps/place/Ribbon+Communication+Pvt.+Ltd./data=!4m2!3m1!19sChIJu4gZKukRrjsRmPvL8_Hw5ZA)
      1. DSA Ques on Linked list and Matrix
      2. Resume Walkthrough
      3. Difference between Mutex and Semaphore
      4. Synchronization in OS
      5. Computer Network Layers
2. **SWE Intern** [Zoom car new corporate office Bengaluru](https://www.google.com/maps/place/Zoom+car+new+corporate+office+Bengaluru/data=!4m2!3m1!19sChIJx7g9g8EVrjsRHJiBZ4F9h3o) (Selected)
   1. Got to know through LinkedIn, mailed to HR.
   2. Round 1:-
      1. Longest Substring with unique characters
      2. Asked OOPS and Design Patterns(I directly said, No idea 😅 )
   3. Round 2;-
      1. Resume Walkthrough
      2. What happens when URL is typed on browser
      3. What if the IP address that is cached on browser of a website is changed(TTL concept was to be discussed)
      4. How does Load balancer works
   4. Round 3;-
      1. Projects Discussion
      2. Why Zoom Car
3. **SWE Intern** [Fi money](https://www.google.com/maps/place/Fi+money/data=!4m2!3m1!19sChIJP068wuOfkTkRfoRCArTgnbc)(Not Selected)
   1. Applied through a from circulated over LinkedIn
   2. OA on HackerRank 3 Questions
   3. Round 1:-
      1. DSA question On DFS
      2. DSA Ques similar to Partition DP problem
   4. Round 2:-
      1. Intro and Resume Walkthrough
      2. Convert the Nested Object into string in JS(not able to solve this)
4. **ASE** [Publicis Sapient - Bengaluru](https://www.google.com/maps/place/Publicis+Sapient+-+Bengaluru/data=!4m2!3m1!19sChIJJ9n5N1IRrjsRl0pdbsUjlio)
   1. On Campus
   2. OA on HackerRank, 3 Ques from Array, Graph and Prefix Sum
   3. Round 1;-
      1. Intro
      2. Resume Walkthrough
      3. Pillars of OOPS
      4. ACID Property
      5. SOLID
      6. SDLC
      7. CN Layers
      8. DDL, DML and all other languages in DBMS
   4. Round 2;-
      1. Scenario Based Ques
      2. Why PS
      3. What do you know about PS
5. **R&D Engineer** [Centre for Development of Telematics (C-DOT)](https://www.google.com/maps/place/Centre+for+Development+of+Telematics+(C-DOT)/data=!4m2!3m1!19sChIJbUFCb45srjsR372gV2laTTA)
   1. On Campus
   2. Round 1 ;-
      1. Intro
      2. In depth discussion of role of each layer in CN
      3. Process in OS
      4. Dry Run Quick Sort Algo
      5. Analyzer in Compiler Design
      6. Polymorphism
      7. Difference between Process and Threads.

12) Name - **Shrayansh Baunthiyal**

Resume- [ShrayanshBaunthiyal2023.pdf](https://drive.google.com/file/d/13mSaA1N8zYU-DgAApW1n432bWybeajRW/view?usp=sharing)

1. SDE Intern, Lexmark Kolkata

i) Applied through a microsoft form during april or may of 2022. Didn’t hear back anything until September, when suddenly I received an OA link.

ii) OA had 2 hrs. 1 section of aptitude and 1 section of coding problems which contained 5 problems ranging from easy to hard. Solved 3 completely and 1 half.

iii) To my surprise there was no further round and I got a call that I was selected.

1. SDE Intern, Bentley Systems Kolkata

i) Applied via a form provided by our college which they got from a third party recruiting organisation called next gen ventures.

ii) OA had 3 coding questions of medium hard level. If you have done some leetcode you will be able to crack them easily.

iii) Technical Round 1:

* Took place in Bentley’s office. It lasted more than an hour. They grilled me heavily on my projects(make sure you have done everything which you have mentioned in your resume). Gave me some system design questions on designing an e-commerce site. I told them I am not well aware of the design concepts but they anyways asked me to give it a short. Result SELECTED.

iv) Technical Round 2:

* Took place on the same day at night. It lasted for roughly 1 hour. It was some senior manager who interviewed me. He asked me about how good I am with c++ concepts because their work involved coding in c# and .net. Asked me some core c++ concepts. Result SELECTED.

v) HR Round:

* Took place online. Basic questions on strength and weakness, goals, etc. Was an open ended discussion. The HR briefed me about how I will be assessed by them during my internship so that they can decide on whether to give me the PPO or not. That’s it.

13) **8.76lpa Job at Light and Wonder(On Campus)**

Round 1 : DSA problem(1 ques) and questions related to various data structures (mcq based)

Round 2 : Technical Interview 1

Introduce yourself

Explain your project

Achievements on the resume mentioned.

1 DSA question was asked to code that. Time Complexity and Space Complexity of sorting and searching algorithms were also asked. Took around 45 mins to wrap up the interview.

DFS and BFS ALGORITHMS were asked

Do ask 2-3 questions to the interviewer at the end of the interview.

Also 1 logical question was asked

Round 3:

It was a Managerial round . Question on N queen problem was asked

And other logical based questions and questions like where do i see myself in next 5 years .

Which tech stacks fascinates me and why .

Round 4:

HR round : it was based on my resume and questions were asked on general HR interview questions.

14) Ninjacart 14lpa Oncampus

Ninjacart (details)

**Round 1** was online assessment in which one problem was asked.The problem was a modified version of merge intervals.

**Round 2**- It was the technical (1 hour approx) round.Questions aksed were based on DSA,Oops,Dbms.

1)Find k larger elements.

Since i used priority queue asked me to explain it and from there went on ask implement heap data structure.

2)Choice of sorting algorithm with time complexity for different input arrays given by the interviewer.

3)Different traversal technique in tree

4)Implement inorder traversal

5)Where we use tree data structure

Real life use of tree data structure

6) Construct bst.

Some question based on recursion call used in bst

7)Left join and right join in sql

8)What is function overriding.Why we use it

9)Basics of Oops

10) Basics of Computer networks

**Round 3**

Managerial round of 15 minutes

Questions were based on OOPS concept

Was asked to make abstract class

14) Java Backend Developer(Microservices,Spring Boot) at IBM

Resume used-[shubham's Resume.pdf](https://1drv.ms/b/s!AvENDc3w7xCEg1vTIqsQp0sHqSmN?e=f2pXMn)

linkedin-<https://www.linkedin.com/in/shubham-shandilya-375565105/>

**Round 1**

1. Introduce yourself , your tech Stack and current project architecture.
2. What authentication mechanism are you using for your microservices.how do you secure your services??
3. How do the microservices in your project communicate with each other.   
   -Since i used both synchronous communication using Rest template and Asynchronous communication using kafka. Explained both in detail.
4. Can you please explain Kafka flow

-Explained both Publish and Subscribe mechanism and Fire and forget Strategy.

1. Suppose you have a situation where 2 microservices communicate but the other microservices are down . How will you handle this scenario???

–told him in detail about the Hystrix circuit breaker mechanism.

1. Tell me how Garbage Collector works in java.
2. Are you aware of Java 8 features?? Tell me the new additions in Java 8
3. Ok let's move onto coding questions-
4. Question 1-<https://leetcode.com/problems/3sum/>
5. Question 2- similar to question-<https://leetcode.com/problems/capacity-to-ship-packages-within-d-days/>
6. Design Traffic signals .
7. Use Java 8 to get the employees who earn more than 50 k

Lpa

**[15] Golang Developer Role at Airtel X Labs(Airtel Digital)**

[Applied through naukri.com, as I was having more than 1.5 years of experience so direct interview call got]

LinkedIn : <https://www.linkedin.com/in/sushant-a-a7095a174/>

Resume : <https://drive.google.com/file/d/14byWqyFsPd5KnbdRDJx4CD7tA1SvjT2O/view>

**Round I : (Totally Based on DSA) (1 Hour)**

1. In this round 1st of the interviewer asked me to introduce myself then he started asking about concepts of OOPS.
2. He asked me to create an array and then create a linked list using that array and write code to insert an element and reverse a linked list
3. I was to code that very fast in less than 10 min ..He tried my code for edge cases and it was running perfectly.He seemed satisfied.
4. Then he gave me a second question:
5. [To find the pivot index in a sorted and rotated array](https://www.geeksforgeeks.org/search-an-element-in-a-sorted-and-pivoted-array/).
6. Then he asked questions on Tree Traversals like types of tree traversals
7. Then he asked to code inorder traversal without using recursion i.e. iterative method and others
8. Then he asked to code Breadth First Traversal of a tree
9. Then questions based on Acidity properties, language questions on golang, database interview questions like types of sql and nosql databases.

Round 2 : (Projects + Golang Based)(VP Level Interview) (1 Hour)

1. This round was completely based on golang backend role
2. The interviewer was AVP he asked to explain about myself
3. Then he asked to explain about projects that I have done
4. Do remember to write STAR pattern for the projects we have shown in our resume. Also he told about explain difficulties and challenges that I have faced during projects and how I tackled them.
5. Then he started asking golang interview questions .
6. For Golang prepare this : (<https://www.interviewbit.com/golang-interview-questions/>, <https://www.educative.io/blog/50-golang-interview-questions> )
7. Then he asked to ask questions and I asked few questions to him and interview ended.

Round 3 : HR Round

This round was a pure HR Round where salary negotiation, behavioural questions, notice period and other common questions were done.

16] **Hrithik Gupta: (Media.net web developer role 8.1 lpa.)**

**linkedln:** [**https://www.linkedin.com/in/hrithik-gupta-6473021b5**](https://www.linkedin.com/in/hrithik-gupta-6473021b5)

**Entire process was divided into three phases.**

**Online assessment:**

**Online assessment includes a mixture of aptitude questions, dsa and cs fundamentals.**

**Technical Round 1:**

1. **Asked me about internships and projects.**
2. **Detailed discussion of your project's features and its working, like in my case I have used regex search for filtering search queries so he asked how regex Pattern works, not in depth, just a little overview is enough.**
3. **Then he asked me basic api related questions like difference between get and post request, how data from front end is passed to backend, etc.**
4. **Next he asked output based questions on javascript where he provided some code in doc and asked me to tell the output of those. 1st Code was based on async function and settimeout and 2nd one was based on var and let difference.**
5. **Then he moved to dsa questions, 1st question was like you have given an array with positive and negative integers and you have to make jumps from starting index and check if you can reach end index and if at any moment you move out of bound of array then return false, jumps will be i + a[i].**
6. **the 2nd question was based on binary exponentiation implementation. i.e. implement pow function**

**Technical Round 2:**

1. **it was heavily based on cs fundamentals and web technologies.**
2. **He asked me about my projects, then asked me why I used mongodb and how to sort the documents in mongodb based on some value, what is http, how dns works, caching in dns, difference between http and https, what is cookies, can server access cookies, basically everything about cookies like third party cookies, how cookies are used in Google ads,how some companies access data through cookies,etc (as media.net is also an adtech company, I prepared this topic quite well), what is html, what is dom, how to manipulate html element using dom, what is inheritance.**
3. **Then he moved to dsa questions, 1st question was just traverse the diagonals of matrix**
4. **the 2nd question was some simulation kind of problem.**
5. **After this he asked me some difference between various sorting algorithms.**
6. **In both the rounds, interviewers were helpful and gave you hints when you stuck on some part.**
7. **Verdict: selected!**

**17] Bhavya Raj Gupta (2023 grad) : RUN Intern IVALUA ( International SASS Product used by over 1300 clients)**

**Package** : 41666 stipend in hand for 6 months ( 10% tax applicable told by HR)

**Process** : Registered Through Linkedin

* HR Shortlisted my Resume
* Connected me over call , discussed the process , stipend , role and about the company.

**Technical Test -1** : 15 Question in 15 minutes

Topic : Asp.net , C# ,OOPS, MySql

Employee round was skipped due to experience in development .

**Managerial Round** : Introduced himself , introduced the company

About me

Then deep dive into experience i hold and projects written , question on the same

I almost made a blunder when he asked about one of my ongoing projects that is making my own language . I thought I would be rejected due to this.

MySql Questions mostly on Joins and basic things needed for the same

Debugging skills

Oops Concept

My willingness to learn C# and work for product support and maintenance .

**Director Round**: It was more like a managerial round , but he was so humble and open to listen to your queries and resolve them on the go.

After some days I got the confirmation.

**18]** **Ruhi Awasthi (2022 Grad) - Incedo.Inc**

**Package -** 5LPA

**Process -** I Applied via Referral. After almost 1 month I got the test link. The test consists of 4 sections 1) Two easy coding questions. 2) Verbal ability. 3) Core subject 4) Numerical Ability

**Technical Interview** - Brief Introduction about myself. Then asked about my projects.

After that I asked the whole concept of oops and basic c++ theoretical questions and was told to write a very basic program. Then they jumped into dbms and asked about keys, about databases.

**HR Round -** Here again they told me to introduce myself and about my projects then they asked a few questions related to my projects. After that hr based questions -> where do you see yourself in 5 years, what are your plans for further studies, and few more behavioural questions were asked. After 4,5 days I got the offer letter.

**19) Aditya Rajeev Kulkarni (2023 grad)**

**Company - Extreme Networks(on campus)**

**First Round-** Online test on Hirepro

20 aptitude questions - medium - hard level

30 Technical MCQs - hard level - Output based(c++, c and python), networking, OS(difficulty was high),

**Second Round**- Technical Interview of about 1 hour. It was face to face(offline).

Introduce yourself, strengths and weaknesses, Balance brackets(compulsory code in java), one more array based question of medium difficulty, find palindromes in an array of strings. Explain layers of OSI model, along with protocols in each. Tricky question on NAT. Difference between TCP and UDP. They were more concerned about application level answers over theory. Little about projects.

**Third Round-** Another technical round.

20) Hritik Bhardwaj

**Intern + PPO at Philips Innovation Campus (On Campus)**

**CTC: 14.5LPA**

OA : 3 questions were there in the OA. All of the three were easy.

Round 1 : 2 DSA problem were asked in the first round.

1st question was based on Binary Search.

2nd question was based on Stack.

E.g.: Evaluate the expression: ( 2 + 3 + ( 4 \* 6 - 5 ) )

Round 2 : OOPS concepts were asked.

Diamond Pattern Printing

1 DP based Question

Project Explanation.

HR Questions.

20) Tejaswika Pandey

**Intern Data Poem(Off Campus)**

**CTC: 9-12LPA (Based Performance)**

OA : 3 coding questions were there in the OA. All of the three were easy-medium.

10 Communication questions were easy.

Round 1 : Basic JS questions were asked like

1. Reverse each word in string
2. Remove duplicate objects in Array
3. Write callback function

Round 2 : React Js related coding question and ask to write code for Search Bar functionality with given API fetch response

Round 3: HR round with basic personal details and projects discussions

21) Mayank Kharab

Android Developer Intern(Off Campus) at Scouto

Stipend : 20k - 45k

PPO - 10-11 LPA

Round 1 : Completed an assignment based on android development

Round 2 : Android Development interview

Asked about android lifecycle, projects, popular APIs their working and so.

Round 3 : Coding round

1. Asked singleton pattern and to code it
2. Find the pivot index in an array
3. Find if given string is an IPV4 address or not
4. Gave a design in figma to implement it's UI

22)Company Name : Ezetap by Razorpay (OffCampus)

Verdict: Not Selected

Round 1 : Online Assignment  
A Coding question on character-number mapping to be solved in C++. The question was to map the sum of numbers to the characters in alphabets numbered as 0 to 52 from A to Z ( 0 to 27) and a to z (28 to 52).

Input: 1 1 1 1 1 1 1 1 1 1

Sum of all inputs = 10

Final Output: J (which is character equivalent to 10)

Round 2 : Technical Interview 1

Questions related to OOPS Concept in C++ and Java were asked.   
How to declare and initialise an object?  
How to define a public constructor?

Difference between char and string.

Types of inheritance

Abstract and Interface

Virtual functions and Polymorphism

Abstraction,Encapsulation

Difference between Object oriented and procedure oriented

Round 3 : Technical Interview 2

Questions related to C++ concepts were asked such as difference between struct and union,object oriented and procedure oriented,string and char,etc.

Next, the assignment question was asked to explain and a different version of assignment ques was given to solve in c++.

The ques was : Given a set a shuffled input string numbered from 0 to 52 . The user enters any random string and you have to find the indexes of that character in shuffled string and then sum the numbers and return the sum.

23)Company Name : Vetty (OffCampus)

Verdict : Selected

CTC : 4 Lpa

Round 1 : Assignment

Create a flask application to read the contents of a given file.

Round 2 : Technical Round

Questions on Python programming and star patterns were asked. It included ques on list,slicing,dictionary,etc. Also asked to discuss about the projects and the work experience.

Round 3 : Project Manager Round

Questions on Situation handling and behaviour were asked.

Round 4 : CTO / Hiring Round

This round was with the CTO. He asked ques on python lists and databases such as nosql and sql databases types and difference.

24) **Animesh Jaiswal: (Decurtis International (JAIPUR) , Software Development Engineer)**

**Entire process was divided into two rounds.**

**Round 1 ➖**

1. **Discussion about the Internship Experience at DesiQnA.**
2. **JAVA based OOPs Concepts**
3. **Difference between == and equals()**
4. **About Singleton Class**
5. **Many questions on depicting the output of the codes**
6. **Focus on clarity of static and non-static things.**
7. **Grinded fully on OOPs**
8. **Puzzle Questions**
9. **2 SQL questions based on JOINS & GROUP BY. (Solved both the questions)**

**Gave all the answer in the first round except the Puzzle questions.**

**Tip :- Listen to question carefully before answering every question.**

**Tip :- Confirm the question by creating sample cases to get clarification about the question.**

**Round 2 ➖**

1. **Asked about my Projects that I created, also asked If I had JAVA project, I said no, so he didn’t asked me much then.**
2. **Asked me to explain the project that I created in my Major**
3. **Asked to implement all the OOPs concept like Interface, Inheritance, Abstract classes in IntelliJ editor, He want to basically check how I am clear with my OOPs logic.**
4. **After that asked me to Open the NOTEPAD to code DSA questions.**
5. **He asked me 4 DSA questions, I solved all the 4 questions successfully.**
6. **Tip :- always start with Brute Force, then Better and Best solution.**
7. **1st Question :- Binary Search based question**
8. **2nd Question :- MIN\_MAX Array ( He want my Brute Force Solution)**
9. **3rd Question :- He gave me a task to read a file and come up with best Data structure that I came up in my find to solve the task**

**Task :- You are given a file where name,rollno,marks are given , you need to read and return all the names of people having maximum marks.**

**My approach :- I used hashmap of <Integer,List<String>> type to store max marks, with all the students name in the list, at last printed the list.**

**VERDICT :- SELECTED 😀**

25). **Harsh Jangitwar - (TCS Digital - offcampus through DCA exam)**

**My resume -** [**resume**](https://drive.google.com/file/d/1uQFA0oUf9pw61xv3rhBh5E5PlEVfYeHE/view?usp=share_link)

I already had the Ninja offer which i got through codevita 2022 then in march 2023

got opportunity to give DCA exam i.e for upgradation from ninja to digital.

The exam consist of 4 sections

1. Adv Quantitative - 15 marks

2. Adv Reasoning - 15 marks

3. Verbal - 15 marks

4. Adv coding - 2 ques for 30+45=75 marks

No negative marking

From 45 mcqs i solved 15-20 correctly and rest of them are guesses and solved both

coding questions fully.

Received the interview mail on 8th april stating interview will schdeule on 10th april.

**Interview [TR+MR+HR] 30-35mins**

**TR**

Asked about all projects and their tech stack no ques on oops, dbms and dsa

1. What is ACM ICPC (mentioned on my resume)

2. How you lead the team in ICPC and able to reach regionals?

3. Why did you use mongoDb instead of SQL?

4. Difference between expresss and nodejs

5. What is the typical file structure of express file?

6. How many schemas do you use in the project and why ?

7. How you are connecting the backend and fronend?

8. How much time it took to make this project?

9. Asked about other project as well

10. Difficulties faced

**MR**

Asked 3-4 scenario based questions

1. Grinding already known tech is important or learning new tech?

2. You are getting negative reviews from your manager what will you do?

3. If you made a mistake in project and deliverd that project to client then what will you

do?

**HR**

1. Strengths and weakness

2. Ready to relocate?

3. Pressure handling experience

4. Why do you want to join tcs?

**VERDICT - SELECTED 😀**

**26) Tarab Mojiz- TCS Digital Offer from Digital Coding Assessment**

I had an offer of TCS Ninja from last year TCS NQT Exam in 2022. In march, they gave an opportunity to convert our ninja profile to digital by giving DCA Exam.

Exam pattern:

The exam consist of 4 sections:

1. Adv Quantitative - 15 marks

2. Adv Reasoning - 15 marks

3. Verbal - 15 marks

4. Adv coding - 2 ques for 30+45=75 marks

No negative marking

The test was on 22 march, I did almost half of the aptitude section and rest I guessed the answers due to no negative Marking. Rest I solved both coding questions passing all the test cases. One was easy level, second one was not too difficult, I solved using HashMap.

**Interview Rounds:**

**TR**

1. Introduction + One of the Project Explanation which I mentioned
2. GitHub questions (since I mentioned in Resume).
3. Difference between Java and C++.
4. Do you know Python?
5. What is Inheritence?
6. Program to swap two numbers without third variable.
7. What is Metaverse?
8. What is Blockchain? Any Example, what is NFT?
9. What is Generative AI?
10. My Role in Project
11. Want to work solo or as team player?
12. What is Cloud Computing?
13. What is SDLC?
14. What is agile model, waterfall model?
15. Which SDLC Model is the best and why?

**MR**

1. Internship Project which I mentioned in Resume. (It was a TCS iON Remote Internship)
2. What do you mean by solution design document as I mentioned in Internship?
3. Team Leader or Team Member?
4. Any certification courses you have?
5. My Weaknesses and steps I’m taking to improve.

**HR**

1. Which language you do programming?
2. Difference between C++ and Python.
3. Which technologies I’m interested in?
4. Are you upgrading yourself?
5. Views on Russia-Ukraine War and is it good or bad, and why?
6. Which location preference and what I would do if given different location?
7. Will you accept if testing profile is given?

**VERDICT: SELECTED**

**Car Dekho Experience.** [**https://docs.google.com/document/d/10t4PQuH1dpi8LZ6zBbzVzT-rPXVuTOVIhNZlssQxxnU/edit**](https://docs.google.com/document/d/10t4PQuH1dpi8LZ6zBbzVzT-rPXVuTOVIhNZlssQxxnU/edit)

**Bny Mellon Experience.**