

Interview Experience

[Kimbal Technologies](#)

19th September 2023

OA Round -1 (Aptitude)

Included questions from profit/loss, Logical Reasoning etc.

(22 students were selected from this round)

OA Round -2 (Coding/DBMS)

First question was a coding question (Platform: Hackerrank) on Strings. Question was to remove two substrings repeatedly and return the smallest size found. 5 MCQs from DSA. 1 DBMS Query that made use of Joins.

(9 students were selected from this round)

20th September 2023

Interview -1 (Location: Office)

Interviewer name was Anshul Bansal. The whole interview was on project work and he kept on asking my approach and different libraries I used in each one of them. Later he asked me to code on a problem where 'N' size cube was painted on all sides. I had to return the number of small size ('1' unit) cubes that had atleast been painted once.

(2 students were selected from this round)

Interview -2

Second Interviewer name was Amit. This interview was also resume based. Since my projects included work in Python, C, Linux, HTML, CSS; he kept on asking me basic fundamental questions to test my knowledge.

Python-

how does mediapipe Library work(since my project had used mediapipe)

What is python packet manager

How do you install python libraries

C-

Exec and it's variations e, l, v, p;

fork, my code from project and questions from it

linux-

Some more file utility and process utility function discussion

HTML/CSS-

Display properties IN CSS

Div vs Span

HTML doctype meaning

DOM functioning

Get/post functionality

DBMS-

Different queries, joins, different kind of keys and examples

OOPS-

Give one real life example which would cover all the other properties of OOPS.

Dynamic Loading, Compile Time Loading

Examples and code discussion

If I create a class instance will it create memory in heap or stack section?

Explain the whole process.

DSA-

Write a code to print the first occurrence of an element passed as a parameter in a sorted array(sorted array with duplicate elements ;we need to print the first occurrence of the requested element)

I coded the above problem making use of binary search in $O(\log n)$.

Remarks-

Make sure you are totally confident of the projects you are putting on your resume.

Keep calm and don't panic in case you don't have an answer to a question.

Just don't be blank. The interviewer must feel that the person tried.

Be humble about what you know. (the second interviewer was trying to provoke us by saying- you haven't done anything remarkable and there's nothing worth appreciating(he did it with others too in the first round). There were times when his tone was very condescending and he even tried to prove us wrong, but all those words I believe were said to test how we would respond to him and that situation.

Please don't feel disheartened if you find others being selected. Everyone has a day to shine. Yours' will come too. :)

(Just don't stop working hard and have patience and faith.)

All the Best!!:)))

Akshita Gupta

MSc (2022-24)