Accolite Interview Experience

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Round 1

Platform : Eduthrill
No. of Questions : 30
Duration : 30 mins

Questions were based on Computer Science Fundamentals and General Aptitude. Questions were of easy and medium difficulty level.

Round 2

- Coding Round
- Platform : Codelyzer
- No of Question : 1
- Time Duration : 1 hr
- Question : Count minimum number of steps to get the desired array

Round 3

Technical Assessment Round 1

Platform : Google meet

It started with my introduction.

During the introduction, I mentioned my projects. Then, Interviewer asked brief about both the projects and then there was a detailed discussion about one of my projects.

He also asked me about my current favorite subject and what is the reason and any project I am currently working on. You can definitely expect a question out of this and consequently, then we had a discussion about my current project in Deep Learning.

Coincidently, my interviewer had the same field of interest and he is an expert in that field. So, yes again a detailed discussion.

(Be prepared for such questions prior to the Placement Season, these are the questions that show your interest in the field, and your answers can make or ruin your Interview).

After that, he asked my preferred language in coding and proceeded with some easy and medium level questions of DSA .

1. Swap adjacent elements of input array

    input_arr=[3,9,1,5,10]

    output_arr=[9,3,5,1,10]

2. [Write a function which returns the middle element of the linked list](#)
3. Write a function that returns the first common element in two linked lists , after that remaining elements must be same in both the lists

    Linked list 1 : 3->9->1->5->10

    Linked List 2 : 11->1->5->10

    Output : 1

4. [Write a function which returns sum of all nodes in a binary tree](#)
5. [Write a function to display Level Order Traversal of binary tree](#)
6. [Write a function to print Left View of a binary tree](#)

Then, he asked me some OOPS Concepts

1. What is polymorphism
2. Difference between static and dynamic binding and how are they implemented in C++
3. Ambiguity in multiple inheritance and its solution.

Then he asked me If I had any question .

I asked him about the kind of projects and the domains in which one will work, if he/she got hired in accolite.

Round 4

Technical Assessment Round 2

Platform : Google meet

It started with my introduction.

During introduction, I mentioned my projects . Then, Interviewer asked brief about both the projects and then there was a detailed discussion about one of my projects of nearly 10 mins.

Then he asked me some OOPS Concepts

1. What is Run Time Polymorphism and its implementation.
2. Use of virtual functions
3. What are Abstract classes and their use with example.

After that, he asked me some easy and medium level questions of DSA.

1. Convert a non-linear linked list into linear linked list.
2. What is Binary Search, its working and time complexity.

    Then he asked, "can we implement Binary search in linear linked list ".

    I said, "yes" . Then, we had a detailed discussion about the implementation and time complexity.

3. After that he said to specify all the sorting techniques and compare them on the basis of their time complexities . What is the best sorting algorithm in use .
4. [Fizzbuzz problem](#)

Then, he asked me some questions from DBMS

1. What is Candidate Key, Primary Key, Super Key and Foreign key
2. SQL Query to get the second highest salary of an employee

Then he asked me If I had any question .

I asked him about the work-life balance in accolite and his learning experience there.

Some key points to remember in Technical Interview :

- Don't assume anything, not even the data types that you'll be using in the code
- Just confirm the prototype of functions before starting the definition .
- Confirm the Node structure as well and then proceed with the problem.
- While understanding the problem you can give some examples of input and the corresponding output or can ask for the same.
- The interviewer may not ask questions directly in case of DSA. You have to map the problem with whatever you have studied

- It's ok not to know the answers to all the questions, just have a positive outlook.
- You must have good knowledge of your project (Inspiration, Language used , Libraries used, Its use in industry and all the related things)

Majorly you have to **Think Out Loud** so that if you are moving in wrong direction , the interviewer can correct you .

Round 5

HR Round

Platform : Google meet

We started with our introductions and then she asked me some behavioral questions

1. My strength and weakness.
2. Difference between hard work and smart work
3. If I have to relocate to south India, then firstly how would I deal with cultural differences and secondly what will be the qualities that I'll seek in my roommate there.
4. If I will be a part of such a team where all my seniors are so dominating and they won't even listen to new ideas, then how will I put my points and assure them that it will work.
5. As I am one of the Placement Coordinator , so she asked me what are all the problems that I faced while working as a PC

At the end, she discussed the CTC breakup and asked if I had some questions .

I asked her about the changes that she feel a freshee joiner will experience and also her experience till now in accolite.

Points to remember throughout the process :

- Being presentable and sounding professional have their own advantages.
- Answer with utmost politeness even if you disagree with the interviewer's point of view.
- Being thorough and clear with all the concepts will work as a plus point. You have limited time to showcase your knowledge and hence use specific and appropriate words.
- Everytime interviewer will not ask you to demonstrate things. If you are thinking that you must do that , then please ask and proceed with the things.

- And the most important thing, Interviews are not interrogations , these are discussions. Keep it that way only.

ALL THE BEST :)