Indus Valley Partners

Round 1: Online Assessment (65 minutes)

The online test had 65 questions and 4 sections testing one's knowledge in core CS concepts(OOP's and SQL) and Programming concepts (Javascript and C#)

Round 2: Technical Round 1 (30 minutes)

Interviewer: Jatin Sachdeva

The interview started with the interviewer asking me to introduce myself and projects discussion. He asked me in depth questions on my Chat Application built on top of Android and Firebase.

DSA:

1. Add to numbers represented as linked lists.
2. Add head to the tail of a linked list in a single pass.

SQL | OOP's | Conceptual Questions:

1. What are joins?
2. Explain working of right join with an example.
3. What is a heap data structure? Heapify process ?
4. Why arrays can be accessed randomly and not linked lists?
5. How to access a list node in O(1) time if head of the list is given ?

(Follow up questions were asked on some of these questions according to the terminology and concepts I used to answer the questions.)

Then he asked me if I had any questions for him, so I asked about his experience at IVP and his freelancing experience too.

Round 3: Technical Round 2 (15 minutes)

Interviewer: S Panhotra

The interviewer skipped my introduction and directly asked me to walk through my projects and if I could present some code and execute it as well. We discussed in depth one of my deep learning projects (Similar style poetry generation) and the other project was Attendance system using Facial Recognition where I was asked why did I particularly use Black and white images to train my haarcascade classifier.

Then he asked me if I wish to ask any questions, so my questions to him were if they at IVP uses blockchain driven solutions or not, to which he particularly answered no.

Round 4: HR Round (5 minutes)

The HR first introduced herself and asked me to introduce myself then followed by these questions

1. What do you think is the difference between aim and goal?

2. Define yourself in one word.

3. How would you react to a problem? Your first reaction to a situation.

4. Why do you want to join IVP?

5. What do you know about us?

6. What are the responsibilities for the position you are interviewed for ?

I wasn't sure about breakage of the package offered, so I asked her to explain that to me in detail.

Piece of Advice:

Think loud and clear, don't make stories be precise, ask questions to clarify any doubts. Ask for test cases for dsa problems, research well about the company. You may be working in ML domain but that doesn't mean you can't do development work, even I have been working in ML all but a few of my projects are not Machine learning or Deep Learning based, but I still got the offer.