INDUS VALLEY PARTNERS

Round 1: <u>Online Assessment</u>   **[65 mins]**

This round consisted of 4 sections and total questions were 65. The OA section had medium-level questions, basic CS Concepts and Programming Concepts from (OOPs, Javascript ,C#, SQL).
36 students were selected for the next round.

Round 2: <u>Technical Round 1</u>   **[30 mins]**
In this round the interviewer introduced himself and then asked me to introduce myself and then he asked me to describe the projects in detail.
Now he gave me 2 DSA questions to solve.
1. .<u>Next Greater Element of elements in an array.</u>
2. Given a string like '25K' or '25M' ,return an integer by replacing K by 1000 i.e 25K→25000 and 25M → 2500000.

Always start with Brute and then give the optimal solution.
After solving the above questions he asked me some conceptual questions from Java,C++ and OOPs:-
1. What is OOPs ?Explain.
2. Interfaces vs Abstract class
3. Difference between Encapsulation and Abstraction.(Give Real Life Examples)
4. Explain Stacks and queues with examples.

This was all about *Tech Round 1* and now he asked me if I have any Questions. I just asked him to give me feedback .

Round 3: <u>Technical Round 2</u>   **[20 mins]**
The interviewer asked me to introduce myself and then he asked me to to explain any of the projects I have done so far.
Then he gave me a SQL question in which i have to return the correct order of these keywords if i have to use them in a single query. Like Select,Group by ,where, from, join ,limit,having, order by.
Then he gave me a puzzle:
1. You have 9 balls, equally big, equally heavy - except for one, which is a little heavier. How would you identify the heavier ball if you could use a pair of balance scales only twice?
2. A bag consists of 3 Yellow, 3 Green and 3 Red balls. In how many ways can you draw 3 balls of the same color?

This was all about *Tech Round 2* and now he asked me if I have any Questions. I asked him about the technologies used in the industry.

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Round 4: <u>HR Round</u>   **[20 mins]**

I had 2 HR rounds.

The interviewer started with her introduction and asked me to introduce myself.

And then she asked me these questions :

1. Describe your Project and asked what were the challenges I faced during the project.
2. Difference between Aim and Goal.
3. What do you know about this Company?
4. Why applied for IVP?
5. What is your biggest area of development ?
6. What is your course of action when you face a problem?
7. What are your strengths and weaknesses?
8. Explain a challenge and how you overcame it.

Now she asked If I have any questions, I asked her about the work-life balance at IVP and how we'll learn new technologies .

Result -7 students were selected for FTE.

SUGGESTIONS

1. Research the company and job description before the interview.
2. Stay calm throughout the interview process.
3. While solving problems, always try to speak what you're thinking and tell your approach to solve the problem. Basically involve the interviewer.
4. Be concise and focused in your answers.
5. Listen carefully to the interviewer.

"You may be the only person left who believes in you, but it's enough. It takes just *one star* to pierce a universe of darkness. Never give up."

— Richelle E. Goodrich