

Monalisa Pal (MSc) - InfoEdge

Role : Software Engineer

Round 1 : Online Assessment

- A. Section 1 : 2 Coding Question
- B. Section 2 : MCQs on DBMS, Linux, Networks, Algorithms.

Round 2 : Technical Round 1

This round started with my introduction and then the interviewer moved to DSA questions.

- 1. Find the first repeating number in an array.
- 2. Detect cycle in a Linked List , remove it.

[Only pseudocode was asked to write in Notepad.]

Then he asked me some theoretical concepts from OOPs, OS, DBMS :-

- 1. What is a deadlock? Steps to prevent it.
- 2. Difference b/w Paging and Segmentation.
Detailed discussion about them
- 3. Abstraction and Encapsulation
- 4. How concurrency is achieved in transactions?
- 5. Types of commands in SQL.
Is ALTER a DDL command or DML?

Round 3 : Technical Round 2

It again started with our introductions.

She asked me if I was nervous or not.

Then she directly moved to a few coding questions.

- 1. First non-repeating char in a String.
- 2. Find leaders in an array.
- 3. Check for balanced parentheses.

Then she asked me about the Normal Forms along with examples .

And how redundancy is removed in 1nf even when data is atomic.

Concepts about class,subclass in ERD was asked. *(Couldn't understand the question well.)*

Class level Design from OOPS (Difference between classes and structures in particular)

Finally she asked me to explain a bit about my projects .
She also asked me if I would be able to manage the role of a SE, as both my projects were from ML.

This round was not that satisfactory for me with respect to the conceptual questions ,but I tried to analyze every question and explain my projects nicely.

Round 4 : Technical Round 3

After my introduction , he asked me to open an Editor of my choice and explained the problem to me.

*Given a set of numbers and 4 permissible characters('+ ' - ' * ' /') ,try to evaluate the expression formed by the numbers and the characters.*

-> I started off by saying that the expression would be given in infix form. But for the machine to evaluate easily , it should be in postfix.

He told me that I was going in the right direction and asked me to code *Infix to Postfix Conversion* as the rest was easier.

He was impressed with my code and checked the logic.

Then he asked me a few random questions from my resume.

Round 5 : HR Round

1. Introduce yourself.
2. Why InfoEdge specifically?
3. What do you know about InfoEdge?
4. Your interests
5. Where do you stay currently?
Will you have a problem moving to Noida?

Tips:

1. Resume should be 100% true and you should be able to explain projects done nicely.
2. Try to analyze every problem and pick up hints as and when given by the interviewer.
3. Even if you don't know a solution and you are trying on the spot ,be good at communicating your ideas.
4. Practice writing code over normal editor
5. Have in-depth knowledge about the core topics of CS.

