

Saurabh Kumar (MCA 2020-23)
InfoEdge Interview Experience

Round 1:: Online Assesment (22nd July, 2022)

Platform: DoSelect

This round consisted of 6 sections:

Section 1: A variation of this question

<https://www.geeksforgeeks.org/longest-increasing-subsequence-dp-3/>

Section 2: A variaton of this question

<https://www.geeksforgeeks.org/count-triplets-such-that-sum-of-any-two-number-is-equal-to-third-set-2/>

Sections 3 to 6 consisted of 6 MCQs each and consisted of these topics:

Algorithms, DBMS, Linux and Networking

Platform: Microsoft Teams (for all technical rounds and HR round)

Round 2:: Technical Round 1 (26th July, 2022)

This round started with a brief introduction. Then we moved to discuss about one of my projects. Some questions were like this:

- What is JWT?
- Authentication vs Authorization
- Can we use JWT for authentication?
- Advantages of mongoDB over SQL databases
- vertical scaling vs horizontal scaling
- replication vs sharding

Then he gave me 2 DSA questions to solve:

1. <https://www.geeksforgeeks.org/next-greater-element/>

I started with brute-force approach and then told him that we can use stack to solve this question.

Then he asked me to write working code in any IDE of my choice.

2. <https://origin.geeksforgeeks.org/find-a-repeating-and-a-missing-number/>

I started with the brute-force approach and then gave him XOR-based approach and swap sort based approach.

He then asked me to write the working code and I did the same.

He concluded the interview by giving me opportunity to ask any questions that I have.

I asked him some questions.

Round 3:: Technical Interview 2 (26th July, 2022)

This round started with brief introduction. Then we jumped straight to DSA question:

1. <https://www.geeksforgeeks.org/kth-smallestlargest-element-unsorted-array/>

I started with the brute-force approach and then explained him how we can use min heap to reduce the time complexity. He then told me to write the code and I did the same.

Then he asked me about OOP concept and asked me to implement a class Student having course and address, and the solution must be extensible.

Since the interview started a bit late due to technical issues, he concluded the interview by asking me if I have any questions.

Round 4:: Technical Interview 3 (27th July, 2022)

This round started with brief introduction. Then he asked me about the projects that I have worked on. Then he asked me questions related to the tech stack that I used in my project. Some of them are:

- Advantages of Node.js over PHP and vice-versa (since I mentioned that I used PHP during my graduation)
- server-side rendering vs client-side rendering
- Questions related to choice of database for the project
- Why mongoDB over SQL database

Then we moved to my second project and I had to explain him about blockchain technology , how smart contract works, use of smart contracts and how it can be used in the business.

Then he gave me a DSA question:

1. <https://www.geeksforgeeks.org/?p=1068>

I told him the linear search approach first and then we discussed about the binary search and its possible implementations. After that he asked me to code it in any IDE of my choice and I did the same.

After that he asked me about merge sort, quick sort and randomized quick sort.

He concluded the interview by asking me if I have any questions.

Round 5:: HR (28th July, 2022)

He did not have my resume so I shared with him.

He then asked me to introduce myself, followed by a question, why infoedge?

Then he asked me about my current residence.

He concluded the interview by asking me if I have any questions.

Some Tips:

- Make sure that your resume is 100% true.
- You must know each and every aspect of your projects, because focus is more on project and CS fundamentals.
- Basic knowledge of DSA is enough.
- Do try to get feedback and ask about the work culture and technologies being used in the company.