Nikita Jha(MCA)
30th July 2022
<div align="center">**InfoEdge Interview Experience**</div>

Round 1: Online Assessment
2 Coding Questions: 1 hard and 1 medium
Other Questions were related to DBMS,Linux system calls, Computer network, Time Complexity.

Round 2: Technical Interview 1(45 min)
Interviewer asked me for my introduction. Then brief about all of my projects.
Then he asked me DSA problems:
1. https://www.geeksforgeeks.org/swap-two-numbers-without-using-temporary-variable/
2. https://www.geeksforgeeks.org/find-the-longest-path-in-a-matrix-with-given-constraints/

For the second question, he just asked me about the approach and the pseudocode.

Then he asked me about DP, what it is and why we should use it.
Then he asked me whether I know about BFS and DFS traversal, I said yes so he said okay. But didn't ask me to explain about it as he wanted to ask about topics that I hadn't prepared.

Learning: No need to worry, if you are not getting the answer, just try your best and you will end up getting the correct answer. Also, try to catch the Interviewer's hint, if they are giving any indirect hints for your solution.

Round 3: Technical Interview 2(1hr 15 min)
Interviewer first asked me for my introduction. Then about my hobbies related to tech and non tech as well.
Then he asked me to explain my projects and asked questions related to my project.

Then he asked me a question related to databases: If there is a database with a huge amount of data and we need to search the data then how can we do it to make the searching fast. Firstly, I didn't understand the question, then he helped me and said how the searching is done so I gave an answer related to what happens when we hit the URL in the browser and search something. Then he again gave me some hints and said if you have a pdf and you have to search for some word in some chapter of that pdf then how would you do it, so I said I would go to that chapter first and from there I got the hint for Indexing. And then I explained Indexing and he was satisfied with my answer.

Then he asked me to code DSA question:
https://www.geeksforgeeks.org/print-concatenation-of-zig-zag-string-form-in-n-rows/

Then he asked me some SQL queries. And he was satisfied with all of my answers.
And it was the best of all the rounds.
Learning: Try to be confident and honest. Explain your code well. Understand the question well and keep asking questions because it will definitely take you to the correct answer.

Round 4: Technical Interview 3(1Hr)
Interviewer first asked me for my introduction. Then he asked me about my previous interviews. Then he asked me to explain all of my projects in detail. And also asked me questions related to my projects. It took me around 20 minutes to explain all the projects.
Then he asked me one puzzle:
https://www.geeksforgeeks.org/puzzle-set-35-2-eggs-and-100-floors/
After I answered my puzzle, he asked me a follow up question and asked what would be the answer if we have 3 eggs.

After that, he asked me a DSA question: **Find the first index of the pattern appearing in the text.**
 E.g.   Input: Text: abcdfghuaecdfg
                Pattern: cdfg
        Output: 2
I gave a for loop solution, and did a dry run. Some cases were missing. I tried to find them, but as the interview went so long and we were short of time, Sir asked me to think about it later, and asked me if I had any question from him.

Learning: Study your projects well. They may ask you some tricky questions related to your projects also, think and try to give related answers.

Round 5: HR Interview(10 min)
        -Interviewer asked me for my introduction.
        -What I know about InfoEdge
        -Why InfoEdge and not any other company
        -And At the end he asked me if I have any questions, I asked about the work culture in
          InfoEdge and he gave me a brief about it.

Tips:
   1. Keep trying, and ask questions, it will definitely lead you to the correct answer.
   2. Study your projects well, because it is asked in almost all the rounds.
   3. Keep it interactive, speak about your approach, your thoughts etc., explain the code well.