

PLACEMENT EXPERIENCE

Name: Shruti Jha

Batch: 2022

Company: Goldman Sachs

Test Date: 09/08/2022

Interview Date: 11/08/2022

On/Off campus: On campus

Round 1: The test had sections divided into: 7-8 Aptitude questions, 7-8 MCQs on core subjects like DBMS, OOP, OS, CN etc., 2 intermediate level coding questions, 1 advanced level coding question and 2 subjective questions. Each of these 5 sections had a time duration. Difficulty level was very high.

Round 2: Technical interview

The interviewer started a general discussion and questions about my projects: what is my project, why this specific tech stack, experience working on team projects etc., then he asked me a few questions related to core subjects like: How to prevent deadlocks, technical differences between Java and C++, what is the purpose of a static variable etc.

Then he asked me to write a function on codepair for: delete an element from a linked list and to explain what is Listnode* in the function. He also asked questions related time complexity of insertion/deletion etc in linked list and time complexity of my code.

Round 3: Technical interview

Interviewer started with some cross questioning on my projects: what is your project, why the specific tech stack, applications of the project in real life etc. Then 2 questions to code on codepair:

First: I'm given a text file, in which I'm supposed to find the occurrence of the first reversed word. E.g. of this question can be as follows, suppose the text written in text file is: 'The man turned around and saw a eht'. Here the word 'the' exists in the text and the reverse of it 'eht' was the first reversed word to be found hence 'the' is the answer.

Second: Given a function which returns 0 and 1 with equal probability, make another function using above function that generates 0 with 25% and 1 with 75% probability.

Time complexities were also asked for each of the coding questions.

I did not have another interview round.

After this they told me that my interviews are over for the day and the results would be declared by EOD. 7 students were finally selected.

PREPARATION STRATEGY

1. It is important to regularly practice coding questions topic wise related to important topics like Graphs, Dynamic programming, Linked Lists, Trees, Hashing etc. These questions are available on coding platforms like leetcode, geeksforgeeks, hackerrank etc. Other than that, one should keep track of time while practising questions since the average time for each question in an exam is usually 15-30 mins and not more.
2. Resume should be well formatted and should have atleast 2-3 good projects.
3. For maintaining speed in Aptitude practice those also topic wise and difficulty wise. The aptitude in GS was very tough. Speed should be 25-30 questions in 30 mins.
4. Good understanding of basic subjects like DBMS, OOP, OS, CN, DSA and practising MCQs of these topics is important.