Informatica Interview Experience

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Round 1: Online Assessment MCQ Test (45 mins)

In this round total 30 MCQs were asked mainly from Data Structures, OS, DBMS, OOPs and C/C++.

After this round 31 students were selected for further rounds.

Round 2: Technical Interview (45 mins)

The interviewer first asked me to introduce myself. He told me present the screen and code using Notepad++ or Notepad.

Then Interviewer gave me two DSA question:

1. check if a particular word is present in a string or not

   https://slaystudy.com/c-program-to-check-whether-a-particular-word-is-present-in-a-string/

   He told me to give just the approach.

2. check if strings are rotations of each other or not

   https://www.geeksforgeeks.org/a-program-to-check-if-strings-are-rotations-of-each-other/

   For this question he asked me to code.

   I implemented the code using two queue approach. But he was not happy with that.

   So I gave him another approach, that is :-

   - Create a temp string and store concatenation of str1 to str1 in temp, i.e temp = str1+str1
   - If str2 is a substring of temp then str1 and str2 are rotations of each other.

For some question you should know how to solve it in more than one way.

Than he asked me

- What is Polymorphism?
- String Pool in JAVA
- Why main method in java is static
- Can we override main method in JAVA

Try to answer the question elaborately.

At last, he asked me about my Projects.

Round 3: Technical Interview (45 min)

This round was similar to first round.

The Interview started by asking me to give my introduction.

Then Interviewer gave me two DSA question: -

1. Implement an efficient sorting algorithm. So, I asked can i implement mergesort. He agreed to it and asked me to code it. After I completed my code, he asked me the time complexity.
2. Extending the previous question, he gave me another question to sort an array of 0s, 1s and 2s
   https://www.geeksforgeeks.org/sort-an-array-of-0s-1s-and-2s/

Then he asked me

- What is Polymorphism?
- What is deadlock?

At last, he asked me about my Projects.

Round 4: Hiring Manager Round (30 min)

This was a discussion round.

Interviewer gave me two questions.

1. char *str = "abs #$%!nnsdf9m(0000)##@!***%$#!* /\"

   char *rem = "!"

   Replace all occurrences of given character of str with character in rem using only character pointers.

   https://www.tutorialspoint.com/c-program-to-replace-all-occurrence-of-a-character-in-a-string

   He just to wanted to see, how comfortable I was with character pointers.

2. How you will save data of an object into a file?

   He gave me this structure.

   struct EmployeeDetail {

   int age;

   int emp_id;

```
char *name;
int   salary
struct Node *next;
};


void EmployeeDetail(int age, int emp_id, char* name, salary)
{
struct EmployeeDetail* obj= new EmployeeDetail();
obj->age = age;
obj->emp_id=emp_id;
}
```

We had a long discussion on how we can do it. First, I told him we can use comma separated value or some delimiter. But than he asked me how you can save it without using any space, commas or delimiter between data object values. And we both discuss on it.

Interviewer was very cool. He did ‘not expected only correct answer from me. He just wanted to know my approach.

Round 5: HR Round (Telephonic Round)

He asked some simple HR questions like area of interest, hobbies and whether I was ready to relocate to Bangalore.

KEY TAKEAWAYS

1. The first two technical round are most important. Try to leave an impact in those two rounds.
2. Don’t panic in interview. The DSA question asked in interview are much simpler than question asked in Online Assessment round.
3. On Campus Placement mostly depend on luck. So have patience. Try to keep yourself motivated and don’t leave preparation in between.
4. In interview your theoretical knowledge on OOPs, OS, DBMS and Network’s are very important. Keep preparing these Subject. Never try to be solely dependent on dsa.
5. You can refer to interview bit top 50 question and most commonly asked question of gfg for theoretical question on OOPS, OS, DBMS and Networks.

6. You should prepare your introduction and project as well.