



Jaipur Engineering College & Research Centre

Department of Computer Science

Company Name	Matrix Comsec Pvt. Ltd.
Candidate Name	Mr Mohit Kumar Earan
Branch	Computer Science

This company came to recruit CS, IT and EC students only and hiring was for these three profile

- Software Development Profile
- Product Engineer Profile
- System Engineer Profile

The interview process consists of 4 phases.

1. Aptitude and Technical written test
2. Coding Round
3. F2F Interviews
4. HR Call

Each phase took place on individual days so it was a 3-day long process.

1. Aptitude and Technical Test

Technical paper was divided into 3 sections. (40 Tech. Ques. - 60 min)

- a. 20 questions on C
- b. 10 MCQ questions on C++
- c. 10 MCQ questions on embedded C

In most of the questions we had to write the output of the given program. The weightage of marks was divided into 60%, 20%, 20 % respectively. So, more focus was on C. The basics should be very strong for answering C questions. Knowledge of Pointers, macro substitution, functions, string, call by reference, enum, etc. must required to clear this round.

The result was announced later that day combining scores of both Aptitude and technical rounds. Those who were shortlisted, went for 2nd round that was coding round.

2. Coding Round

45 minutes – Two Questions

Some of the questions were:

Print 1 to 100 without using any loop, print all permutations of a given string,

Program to print reverse of string, Program for insertion in linked list,

Program to calculate size of int without using sizeof operator, etc

They will only check the logics so don't give blank paper at least write pseudo code.

Shortlisted candidates were called for interviews on next day and profile was also decided at this time. Like I was called for Software Development Engineer interview.

3. F2F Tech Interviews

It consists of 2 to 4 rounds based on your performance in each round. Every round was elimination round. The interviewer was having all the test papers from day 1 along with the resume.

Round 1 (30 – 100 minutes):

- I was asked to explain the code written in the coding round. Also, the questions from the technical paper were asked to see if we have done it or copied it.
- Questions from C and C++ along with questions to code were given. In my case mostly questions were form pointers and memory allocation of Pointers, Array Structure and Union.
- Some interviewer was also asking to explain your project.

Round 2 (30 – 45 minutes):

- Again, C and C++ questions. Apart from this some situational questions were asked for checking your presence of mind and logics to solve the problem.
- Like you are outside the room and there are three switches to On/Off three electric equipment inside the room how will you get to know which switch is related to which equipment and you are allowed to go inside the room for only one time.
- My friend was asked to make a system to automate the sprinkler system in a farm.

After this if they are not sure then they may take 1 more round else the HR call for the last round. Some of us had to give Skype interview with department head.

In Particular my case I was shortlisted for HR round after Round 1 of Tech. My situational problem was asked in round 1 and then he asked me, “Do you want to know anything about our company”? Then I asked how they work and some other things. So there is possibility that you may face only one tech round it’s all depend on your performance.

4. HR call

There was no HR questions just simple talk with HR team. This round is only to check if you are interested in joining the company or not. They asked about our future plans, higher studies, willingness to work, adaptability for locations as they had office in only 1 location (Vadodara), family background etc. One more thing we knew that there is no bond in Matrix Comsec.

Basically, if you are in this round then 90% you have already been selected. Just don’t give them any reason to not select you.

Regards

Mohit Kumar Earan

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