Apple

Package : SDE (CTC: 24 Lpa Base: 14 Lpa)
Internship / Placement : Placement
Interview Experience of: Ashwini Rangnekar

ROUND 1 : Coding Round

- 3 coding questions were there and all those cleared the round who had completed 2 questions and 3rd question partial.
- Doing inter IIT questions will help a lot to know the pattern of questions asked in this round.

ROUND 2: Personal Interview (Face to Face : 1 – 1.5 hrs)

Coding:

1. Find square root of a number without using sqrt or any other functions. (Newton Raphson can be used along with binary search).

   I didn't know the exact answer but in some ways i reached to the solution which they were looking for. (Newton Raphson which we studied in Numerical methods). The interviewer was working on Big Data so he was interested in mathematical concepts. I didn't remember all concepts/formulas but he was cooperative and helped when i got stuck somewhere in between my approach.

2. Two more questions were asked which were based on binary search. (standard questions).

Other Questions:

1. Internship experience was asked in detail. Tasks assigned, technologies used.

2. In internship i worked on salt stack and Rest APIs so questions were around them.

3. Difference between http requests and Rest APIs.

4. Architecture of Rest APIs. Why we need them.

5. What is salt stack. How it works. How you used it to solve your problem or assigned task.

6. Asked some questions on projects which were mentioned in resume. Not in detail but i was asked to give just an overview of some of them.

7. What is your specialization or field in Mtech? In my case no such thing

was there so i told him about the courses which i studied in 2nd and 3rd sem. As i had NLP as one subject he asked me what i have studied in it. Then it went to some discussion like how NLP is important and how industries are using all these things. (eg. Siri)

After all these questions interviewer asked whether i have any question for him. I asked about the work he was doing in Apple. (At this point i got to know why he was asking mathematics a lot). He told me about different teams present in Apple and he was in Big Data team.

IN GENERAL ADVICE

• Be confident. Be polite.

• They will help you or correct you if you keep trying. Don't be quite. Try to reach the solution to the problem given to you. Discuss your approach with them. This helps them to know your thought process and helps you as well to find mistakes in your approach (if any).