Company Name	Tata Consultancy Services
Website	https://www.tcs.com/
Job Profile	Software Engineer (Digital)
Package	7.3 LPA
Mode of Application	On Campus
Mode of Hiring	Physical Presence
Total Round	2
Difficulty Level	4

ROUND-1

Mode of Examination : Online Test at TCS iON centre.

Round 1 was an online test. I found it more difficult than the interview round. The test consisted of the following sections: English / Verbal ability, Quantitative Aptitude, Lateral Thinking, Agility, Programming Logic, and Advanced Coding.
In English, all the questions were passage comprehensions. Additionally, all the passages were about digital technologies. Lateral Thinking section had brain teasers.

ROUND-1

Mode of Examination: Conducted in physical presence.

In Agility, the questions were in a new language they created, that dealt with handling of the mathematical structure, sets, and posed problems to solve in the said language.

The Programming Logic section had questions on data structures and its implementations.

For the Advanced Coding section, apart from the usual text-editor, we were also provided with Eclipse Oxygen IDE to aid in our coding.

ROUND-2

Interview Round

Mode of Examination: Conducted in physical presence Face to Face Interview

Round 2 was an interview round. You will have a huge advantage going to the interview if you have projects made with the upcoming technologies like ML, AI, Blockchain etc.
In my interview, the technical lead, manager and HR all the three were present at the same time. It started with the basic introduction. Then we spent a considerable amount of time talking about my project which was on Machine Learning.

ROUND-2

Interview Round

Mode of Examination: Conducted in physical presence Face to Face

They asked questions about the approach, algorithm, language as well as libraries used. There were more conceptual questions on other upcoming technologies, two coding questions, one on queues and another on trees.
Towards the end there were some general managerial and HR discussions along with the puzzles that the HR asked.

Our Question

How was your preparation?

I was quite prepared for the placements. I spent the vacations practicing quant, general HR questions, giving online quizzes and coding.

How and what resource you used for the preparation?

I started with the books. Galvin for OS, Narsimha Karumanchi for DS. Then I used websites like GeeksforGeeks, Sanfoundry, etc to practice .what I learnt, I used to give online tests, mcqs, etc along with solving the coding questions both topic wise as well as company wise.

I believe practice is the key to confidence when it comes to placements.

Our Question

How much you were prepared for the interview?
I made sure I reviewed my resume from start to finish. The interviewer determine your creditability with your written claims.

What kind of student you have been academically ?
Topper :)

Were you part of some extra activities ?
Yes I used to dance and led MCA Dazzlers for all the three years.

Our Question

What was the key subject or point that this interview was more about?

As it was a digital drive, they focused on the latest technologies like Artificial Intelligence, Machine learning, Deep Learning, Blockchain, Computer Vision, etc.

So if you have done projects on any of these or have good knowledge in them you'll definitely have an edge over others in the process.

Our Question

Importance of project/coding profile/resume/LinkedIn profile/referrals/cover letter. if any suggestion, please

Projects are not necessary but definitely important. It lets the interviewers have an idea about your skills and your practical knowledge. About the resume, it is very important that you know your resume inside-out. If you stated you have a certain skill, ensure you can speak about the skill so the interviewer believes you can perform it.

Our Question

What is your advice to your juniors?
Utilize the time in hand to brush up the concepts. Know your basics well. Learn at least one new technology. The more time you put in now, the better the end result will be.

Any other suggestion if you want to share that ongoing placement student must focus
During the interview, be very confident. Interviewers are more interested in how you reach to a solution rather than the solution itself. So tell them about your approach.