

Round 1 :: Online Assessment (35 questions - 40 minutes)

1. Section 1 : Aptitude (easy - medium)
2. Section 2 : C/C++ language based questions.

Round 2 :: Technical Round 1 (1 hour)

This round started with introducing myself. Then we had an in depth discussion on projects and the tech stack that I used.

Questions were like :

- How does Django maintain caching ?
- Explain the django project directory structure?
- What are templates in Django?
- Explain routing mechanism in Django.
- Why PostgreSQL over MySQL ?

DSA : He then gave me a [pattern](#) to code in my local IDE.

I was asked to tell the best & worst time complexity of all sorting algorithms that I know.

I was asked to explain the database architecture of my project.

Some basic OOPS concepts like inheritance and polymorphism.

A basic puzzle : ["The 3 & 5 Litre Die Hard Water Puzzle | Practice | GeeksforGeeks"](#)

A basic SQL Query.

This round was like rapid fire for me. He was continuously asking questions one by one. He asked me around 20 questions.

Round 3 :: Technical Round 2 (1 hour)

The interviewer directly jumped into asking CS fundamentals, no intro and all.

I was asked to design a table for the following scenario : You have a product which has a price, title, and sellers. Each product can have different sellers and each seller can sell products at different prices. Table should be normalized upto 3NF.

Explain how indexing works in DBMS and explain the underlying implementation of it (B & B+ trees).

What is paging and segmentation?

What are user and kernel level threads?

DSA : Something related to the right view of binary where we need to print all the left siblings of rightmost nodes at each level of the tree.

This round was the best round overall. I answered all the questions before time and later had a discussion about his journey in InfoEdge.

Round 4 :: Technical Round 3

It started off by introducing yourself.

Project discussion.

DSA : given a expression in string format which contains x,y,z as operands and +,-*,/ as operators. Brackets were also present. I was given values of x,y,z(integers) and was asked to evaluate the value of expression.

Eg : expr = "x + (y * z)"

x = 1, y = 2, z = 3

Value of expr = 7

This round was a bit challenging(not the DSA part ;p) because the interviewer(SVP Naukri.com - 26yrs Experience) sounded moody and for me it was very difficult to convince him that my approach is correct and is covering all edge cases.

Round 5 :: HR Round (20 mins)

1. Introduce yourself
2. **Why InfoEdge**
3. Most challenging thing I faced recently (try to sound technical here, maybe share your challenges that you faced in your projects or internships)
4. Hobbies
5. Family background
6. Welcome to InfoEdge :)

Pro tips :

1. **Try not to fake.** Only write those things in your resume that you're aware of and are confident enough to answer any question related to it.
2. **Projects and CS fundamentals** are the only key to crack this company.
3. Even **basic knowledge of DSA** will work.
4. Don't try to be **oversmart** in front of an interviewer.
5. At the end if the interviewer asks a question like **"Do you have any question for me?"** Do ask for feedback and try to ask about his journey and work experience in the company.