e-Emphasys Interview Experience 2023

Role:Associate Software Engineer
Round 1: Aptitude and Technical test(Easy) Online
Round 2:Tech+HR(Around 45 mins-1 hour)
Introduction
In Depth Discussion about Projects(Cross questions on every project that i mentioned in the resume).I have mentioned 3 projects in my Resume mainly in the web-app development using Java Spring,ML and openCV(YOLOv8).

- Why you have use Java Springboot for backend? Why not nodejs or any other tech stack ?
- What is ML? What are the types of ML?
- Which ML Algorithm you will used if you have more than two output labels?
- How my openCV project was different from existing project?
- What were the drawbacks of my current project?
- Why you have used Yolov8?
- How many layers does the yolov8 has ?
- SQL left and right Join
- Indexing in Sql(they needed full explanation with example)
- What are advantages and disadvantages of indexing in Sql?
- How do you import data in powerBi?

Design a e-commerce website like amazon from scratch.
- Design Database and Backend.
- Which service architecture you will use here?
- What will be the initial size of the database?
- In how many parts you will divide the database?
- How much memory will one seller take in the database?
- How you will map product and seller?
- Design a dashboard for the ceo of Amazon where he can see the whole business of Amazon ?(you need to decide what you will show on dashboard and why)
- What you will use to fetch the data for the dashboard ? directly from the database or any other method?
- How will you opimize this dashboard wrt to time and memory ?

HR Questions
- Is chatgpt reducing the jobs ?
- What's the latest news wrt to Chatgpt?(At that time Sam Altman who was CEO of Chatgpt was fired by board members).
- Describe yourself in two words in both positive and negative way.
- What excites you more coding(development) or data ?
- Where do you see yourself in 10 years?
- What do you expect from this role?

Verdict : Selected

-Khush Patel