CLIENT-SIDE INTERVIEW QUESTIONS

1. Introduction of yourself?

"Hello, my name is Pavani Billapati

Currently I’m dng my masters in Data Science in univ of new haven & would be graduating this December. I’m working as an intern for Socotra Tech Services for it’s client Express Scripts since Jan

I bring around 8 yrs of experience in IT industry specializing in Data engineering/Analytics.

Throughout my career, I've had the opportunity to work across 4 companies.

1. How many years of exp you have?

Around 8 yrs of experience

Started my career as an intern during my Bachelors, worked for 1 n half yr from dec’2015 to apr’2017 in Accenture(Nestle). Post my engineering joined in cognizant Technology in may’2017 & continued till jul’2020. Worked for an US based health insurance company named Anthem. Then joined Infinite computer solutions & worked till August’2022 before I came for my post graduation. For my internship, Working for Socotra Tech services for the client Express Scripts from dec’22

1. In past \*\* years, how many companies have you worked for?

I have worked for 4 companies – Accenture(1 n half yr), cognizant tech solutions(more than 3 yrs), Infinite computer solutions(2 yrs) & for Socotra tech services(1 yr).

1. Can you please tell me the durations of your projects?
2. When have you entered to the us?

Entered US in August’2022

1. May I know the visa status? OPT EAD
2. May I know the last company you worked is it like onsite/remote?

remote

1. Are you able to relocate? Yes

AFTER TECHNICAL QUESTIONS

1. Challenges you faced in your current projects?

Different formats of data -> structured & unstructured, Analysing, cleaning & handling it is quite a tough. We have started using AWS Glue which makes serverless ETL processes which minimizes complexity of ETL jobs

1. Do you have any issues in your deployment?

Yeah, there have been issues like it’s works fine in dev & test environments but behaves unexpectedly in Production. Reasons for this is mostly the configuration side. Once these r configured the same, most of the issues would reside

Scalability -> As the retail business grows, the volume of daily transactions increases significantly. The existing data pipeline architecture struggles to handle this increased load efficiently.

**Horizontal Scaling:** Redesign the architecture to allow for horizontal scaling, where additional resources or nodes can be added to the system dynamically as the workload increases.

1. May I know your issues like few some points?
2. How did you overcome those problems?
3. How do you rate yourself in any programming language?

Python -> 7

AFTER INTERVIEW THEY MIGHT ASK THESE QUESTIONS

1. Are you taking any support? No I have not
2. Can you show me your surroundings? sure
3. Why are you using your air pods/headsets/air buds? Yeah, to have a avoid other noises around
4. Can you prove that you have like \*\* years of experience? I can explain my projects in detail, whatever tools I have used or u can even test asking questions about them.