

ZS Associates Interview Experience-Charmi Panchal

Role: Business Technology Solutions Associate

Selection type: Campus Beats

Round 1: Technical Assessment (Team Round)

We were grouped into teams of 4 members, and the assessment included a variety of technical domains:

- **SQL MCQs:** Given multiple queries, we had to select the correct one based on the output.
- **DSA Questions (2 Questions)**
- **Frontend/Backend Debugging:** Code snippets were provided we were supposed to identify and fix bugs and adding specific functionalities based on the question prompt.

After the team round, each member had to take an individual online assessment which included aptitude questions

Round 2: Verbal Communication Assessment

This was focused on evaluating communication and language comprehension.

- **Grammar MCQs** – Questions on prepositions, articles, and tenses.
- **Listening Task** – An audio was played once, and we had to record our response.
- **Speaking Task** – We had to record our response on topics like : My dream house , How would i like to spend my weekend
- **Writing Task** – A short paragraph on a given topic

Round 3: Technical Interview (Duration: 1hr 15min)

This round was resume-driven and tested both technical depth and clarity of concepts.

Project Discussion:

- One of my project was based on Big Data and AWS, so questions were around: AWS services I used (S3, Redshift, Athena.) - what type of data S3 can have , difference between those datatypes. Output of that project , why you decided to built that
- Project Pipeline Discussion - Walked through the complete architecture of my NLP project. Discussed preprocessing, model selection, training method, and evaluation. How do you test the model's accuracy ,Different accuracy measures that can be used in place of cosine similarity , why did you choose particular way of training only
- Concepts of transformers, encoder-decoder architecture , RNN, LSTM, ML - classification and regression , types of ML and some questions on each type of ML
- Basics of LLMs

DSA Coding: write a code on Longest Substring Without Repeating Characters

SQL: Theoretical concepts of joins (INNER, LEFT, RIGHT, FULL) , Query-based problem: How many rows would be returned using specific JOIN conditions?

Questions on Python and C++ : Code snippets of python was shared and was supposed to answer the output , core concepts question on python and c++

Round 4: Technical + Behavioral Interview (Duration: 40min)

This round varied by candidate – some had only technical, others only behavioral, and some had a mix.

Power BI Project Discussion: Detailed explanation of dashboard insights , Concepts asked: - What is DAX , Difference between calculated measures and calculated columns , I was asked to write DAX formulas I had used in the project

DBMS & Data Warehousing:

- Core DBMS concepts: Normalization types – 1NF to BCNF , Twisted scenario-based questions to apply these concepts

- Star vs Snowflake schema – with real-world application discussion , Difference between ETL and ELT

SQL Queries:

- Asked to write 3 queries (Medium level) which involved Joins, group by, having, order by, right usage of on clause , extract year , month from date field

Puzzles & Behavioral Questions:

- Some candidates were asked puzzles.
- Behavioral part included: Why ZS?, ZS values and principles (Tip: Thoroughly go through the ZS official website)