

Proptiger Interview Experience

Round 1: Online (30 MCQ ques, 50 Min)

It consists of 3 parts. Analytical reasoning (3 ques), technical (10 ques), quant (17 ques).
Technical ques are mainly from DBMS and quant ques mostly from remainders.

Round 2: Technical interview (around 45 min)

Q1. Your favorite language among mentioned in resume?

Q2. Whether you are familiar with OOPS concepts?

Q3. If a train is moving from point A to B with 60km/hr. speed and returning with 40km/hr. speed. What is its average speed? And also derive the mathematical formula for the same.

Q4. If today is tomorrow. And today is Friday then what is today (what is real day of today)? (Ans is Wednesday)

Also derive its mathematical equation.

Q5. An array consists of both +ve and -ve no. Sort the array s.t it contains the entire no in +ve form.

Q6. You are given a no N. check whether its binary representation is palindrome or not?

Also write code for it.

Q7. Why Proptiger???

Round 2: Technical interview (around 50-60 min)

Tell me about yourself.

Q1. A simple SQL query.

Q2. You are given K arrays. Give min range of no's s.t it contains atleast one element from every array.
I gave a brute force approach after that she asked me to give efficient approach.

Q3. Explain Inorder traversal of a given tree using stacks.

Then code for it.

Q4. You are given a hydrocarbon. Calculate no of carbon atoms present in it.

Ex. $((\text{CH}_4\text{C}_5\text{H}_9\text{C}_{12}\text{H}_{23})_9((\text{C}_2\text{H}_3)_6(\text{C}_7\text{H}_{14})_{10})_{16}$

Ans is: 1474.

Round 3: HR (around 30-40 min)

Tell me about yourself.

Then normal discussion about my family n all.

Q1. You are given a 5L and 3L bucket. You have to measure 7L water from it. write all steps.
After that measure 4L water.

While going through my resume he asked me some common ques as my hobbies n all.

In the end he asked me whether I have any ques. I cleared my all doubts regarding company policies.