

Proptiger interview experience

Round 1

Online aptitude test (MCQs) containing ques on quant (speed, distance, tank full-empty type ques), logical reasoning, ds, algo.

Round 2 (Technical)

Following are the questions that were asked (short and crisp)

- What are interfaces in java
- What is there in java as a substitute to destructors- finalize
- Draw a database schema for a fan page (like a facebook page it has content (of type- audio,video,text) ,followers and other attributes that I dn remember now... plz excuse me for that!)
- Sql Queries (eg : find out second maximum salary, retrieve top five students from db etc)
- Transactions ACID property
- Types of Joins and explain with help of examples
- Write codes to print tree in a different ways- right view,left view,vertical view etc. Explain your code. Refer geeksforgeeks.
- Difference between malloc,calloc,realloc.
- Ques on arrays (eg : count no. of 1's in an array containing 1's and 0's - give different approaches starting from brute force to the most efficient one. Geeksforgeeks is sufficient).
- What is an abstract class in java & C++ and how is it implemented in both the lang.
- Can you implement queue using stack and stack using queue. Code it.
- Can u call a constructor from another constructor (base/derived class) - use of this, super keywords.

Some advice :

- Behave and dress formally
- Do your projects well
- Keep it interactive. If you have any doubt, do ask them, they will surely help. Ask for hint, if needed.
- You should be able to explain whatever is mentioned in your resume.
- Be confident