

OOP

1. OOP 4 concepts (With Definitions)

Data abstraction - not visible

Data inheritance - reusable

polymorphism - many forms - cat meow and dog bow bow

Data encapsulation -

2. Aggregation vs Composition (How to implement in code) - not answered

3. Diamond Problem (Why Diamond Problem Doesn't Exist in JAVA) - virtual

4. Function Overloading vs Function Overriding

12. Difference between Abstract Class and Interface

Data Structures

1. How many data structures are available.

2. Array vs LinkedList

3. Stack vs Queue

4. Tree vs Graph

5. How to find a cycle in a graph

6. Recursion (Most important)

Database

1. What is Database and DBMS

2. Types of keys

3. Truncate vs Delete

4. Indexing (Concept, Advantages, and Disadvantages)

5. SQL Injection

8. Joins vs Sub-Queries - absurd

NoSQL - MongoDB - keyvalue pair, SQL - relationship

What is partial and transitive dependency?

Behavioral Interview

1. Tell me something about yourself.

2. Weaknesses & Strengths.

7. Tell a little about your FYP and your contributions

Another Questions: React oriented

react lifecycle hooks? - constructor, render amount etc - allow use to features

functional components (new) vs class components (old)

react with UI libraries used - to ? reactbootstrap, material, antdesign, semantic UI, etc

NOsql vs sql difference. how to create relationship between NoSql