

Starting:

1. Brief Introduction.
2. Projects, FYP (business usecase, tools used, my role).
3. Coding problem and complexity.
4. Optimise the solution (Best data structure to use)

JavaScript:

1. Rate yourself in JS. (out of 10)
2. Number of data types.
3. Mutability vs Immutability.
4. Primitive vs Non primitive.
5. What types are primitive/non primitive and mutable/immutable?
6. Difference between let, const and var.
7. Hoisting
8. Callback functions
9. Callback Hell and how to fix it
10. Event loops
11. Is JS synchronous or asynchronous?
12. Async await vs Promises

React:

1. Rate yourself in React. (out of 10)
2. Component lifecycle.
3. What are higher order components?
4. useEffect and useState hook with a problem.
5. How does useEffect know a dependency is changed. (in regards to memory)
6. Functional vs Class component.
7. Is redux state mutable or immutable?

Database:

1. Rate yourself in Database. (out of 10)
2. Create a database schema for WhatsApp Messenger (What would the tables look like?).
3. Joins (Inner, outer, etc.)

OOP:

1. Rate yourself in OOP. (out of 10)
2. Explain the following concepts with real-world examples:
 - a. Abstraction
 - b. Inheritance
 - c. Polymorphismand some more.

Some other general questions:

1. Pointers/References
2. Shallow vs Deep copy
3. Design Patterns (Singleton, Factory, etc.)