Tesco Interview Questions - UI Developer Questions

1) Create login page using React Components

2) State management using React Hooks

3) Difference between Single page application and multi page application.

4) How to improve Application performance

5) Javascript Array related Questions - coding

6) Scenario Based coding questions

7) How to navigate from one page to another page using react Router

Interview 2

1. Explained a few projects on React which I had worked.

2. What is Redux ?

3.  Why Redux with React ?

4. Explain the flow in Redux in detail ?

5. A scenario based question if a new project is given, how and where to start with ?

   File structure, data flow, components, state management etc

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Interview 4

Tesco Interview Questions:-

1. Scenario based question on usestate, useeffect.

2. About useRef, useContext.

3. Connecting with serverside data using nodejs.

4. Box model in css.

5. Redux as a middleware and advantages.

6. Redux-Saga vs Redux-thunk and pros cons.

7. Few sceanrio based question with hooks concept.

8. render prop and react router based scenarios.

9. About webpack and playing around with its configuration.

10. scenario based application optimization questions.

Interview

Please find the below questions from **TESCO** (Rathishraj)

1.  How to call Multiple APIs in React ?

2.  How to handle the Application vulnerability issues in React App ?

3.  How to check the Performance in React App ?

4.  What is the use of Lighthouse in React ?

5.   React Design Pattern Concepts ?

6.   What is the use of the Atomic Design Pattern ?

7.   Build and deploy and chunk files related questions ?

Interviewer Name: Rithesraj

Account : Tesco

React Js Based Questions:

1) What is Provider and use of provider?

2) Consumer in React js?

3) What is Cypress? How to test application using cypress?

4) Best practice to improve React Application Performance?

5) Fragment in react js?

7) Basic understanding in firebase?

8) React application unit testing?

9) Hire order Function (HOC) in react?

10) Middleware in react also difference b/w redux tung and redux SAGA?

1. What is velocity and how will you calculate the same?

2. If your team is from different locations how you coordinate with them?

3. How will manage 2,3 multiple teams?

4. Roles and responsibilities of a scrum master?

5. What is product backlog and sprint backlog?

6. What will you do if scope of project has been changed?

Panel 1: Raj veer

Panel 2: Krishna

Panel: Rathishraj

1. what is the designing pattern in Reactjs  
   2) How MVC patter work in React  
   3) Whats is ES6  
   4) how to optimize react app  
   5) If 10js is bundled and at time of home page load only 1 js file is required, then how to restrict to load other files  
   6) what is lazyloading  
   7) What is the inheritance   
   8) how to test reactjs app  
   9) what is useMemo and how it is different from useEffect  
   10) How to pass data from parent to chield to its chield  
   11) how to pass data from child to parent  
   12) what is a promise  
   13) How does Axios work  
   14) how to call three different API at the same time without blocking  
   15) what is accessibility  
   16) How does redux work

Interviewer : Rathishraj

1. Explain about Design pattern and how will you start the project development.

2. Explain about the previous project in React.

3. How you implemented the unit testing and integration testing?

4. Explain about Providers and Consumers in React.

5. How to improve the performance of the react application.

6. Explain about Middleware - Thunk and Saga.

7. Explain about Higher order Component and example of that.

8. Explain Promise and Promise chain

9. What is Axios?

10. Explain about Typescript and why you choose typescript over plain JavaScript in React Development.

Interviewer: Ankit

What is Hoc?  
What will happen if we setstate inside render?  
Arrow function vs normal function difference?  
State uses in react?  
Virtual dom in react?  
const a =[1,'b',3] remove b from the array?  
Life cycle in react?  
Why promises vs call back in js?

**Interviewer Name** : Salva

**Hiring Manager** : Raghu

**Question:**

What is component ?

What is render do ?

How one or more component is used within a component > is there require any library for doing this?

What is the way to write a simple and fast component?

Describe all the lifecycle method ?

What is ref ? Why we use it?

What is HOC ? give an example.

What are the key feature of react?

What are the controlled component and uncontrolled component?

What ComponentWillUnMount does?

What is the meaning by single source of truth?

What is redux? How it works?

Draw the work flow of redux.

Benefits of redux ? what else can be used instead of it?

Wrote down the javascript code for the following test cases.

*// Test case 1*

const obj1 = {

name: "Tokyo",

age: 25,

professions: ["Con artist", "Waitress"],

contactDetails: {

phone: "12345",

email: "a@b.com"

}

};

const obj2 = {

name: "Denver",

age: 26,

professions: ["Con artist", "Waitress"],

contactDetails: {

phone: "56789",

email: "c@d.com"

}

};

*// output*

const diffs = {

name: "Denver",

age: 26,

contactDetails: {

phone: "56789",

email: "c@d.com"

}

};

*//Test case 2*

const obj1 = {

name: "Tokyo",

age: 25,

professions: ["Con artist", "Waitress"],

contactDetails: {

phone: "12345",

email: "c@d.com"

}

};

const obj2 = {

name: "Denver",

age: 26,

professions: ["Con artist"],

contactDetails: {

phone: "12345",

email: "c@d.com"

}

};

*// output*

const diffs = {

name: "Denver",

age: 26,

professions: ["Con artist"]

};

*//Test case 2*

const obj1 = {

name: "Tokyo",

age: 25,

professions: ["Con artist", "Waitress"],

contactDetails: {

phone: "12345",

email: "c@d.com"

}

};

const obj2 = {

name: "Denver",

age: 26,

professions: ["Con artist"]

};

*// output*

const diffs = {

name: "Denver",

age: 26,

professions: ["Con artist"],

contactDetails: null

};