TOP 100 REACT INTERVIEW QUESTIONS

@DimpleKumari
Forming a network of fantastic coders.

BEGINNER-LEVEL QUESTIONS

- What is React.js and how does it differ from other JavaScript frameworks?
- Explain the concept of virtual DOM in React.js and its advantages.
- What are the key features of React.js that make it unique?
- What is JSX? Explain its syntax and benefits.
- How do you create components in React.js?
- What is the difference between state and props in React.js?
- Explain the component lifecycle methods in React.js.
- How do you handle events in React.js?
- What is the purpose of using keys in React.js lists?
- How do you conditionally render elements in React.js?
- What is the use of refs in React.js?
- Explain the concept of controlled and uncontrolled components in React.js.
- What is the purpose of using higher-order components (HOCs) in React.js?
- How do you implement routing in a React.js application?
- What is the purpose of using Redux in a React.js application?
- Explain the concept of actions, reducers, and stores in Redux.

BEGINNER-LEVEL QUESTIONS

- How do you handle asynchronous actions in Redux using middleware like Thunk or Saga?
- What is the purpose of using React Hooks?
- Explain the useState and useEffect hooks in React.
- How do you implement custom hooks in React.js?
- What is the purpose of using the useContext hook in React?
- How do you implement code splitting in a React.js application?
- What is the purpose of using React Fragments?
- How do you optimize performance in a React.js application?
- What is the purpose of using React Portals?
- Explain the concept of error boundaries in React.js.
- How do you implement server-side rendering (SSR) in a React.js application?
- What is the purpose of using React Memo?
- How do you implement lazy loading in a React.js application?
- What is the purpose of using the useCallback hook in React?
- How do you implement unit testing in a React.js application?

BEGINNER-LEVEL QUESTIONS

- What is the purpose of using the useMemo hook in React?
- How do you implement accessibility in a React.js application?
- What is the purpose of using the useReducer hook in React?
- How do you implement internationalization (i18n) in a React.js application?
- What is the purpose of using the useImperativeHandle hook in React?
- How do you implement code reusability in a React.js application using hooks?
- What is the purpose of using the useLayoutEffect hook in React?
- How do you implement performance optimization techniques in a React.js application?
- What is the purpose of using the useDebugValue hook in React?
- How do you implement state management in a React.js application using hooks?
- What is the purpose of using the useTransition hook in React?
- How do you implement data fetching in a React.js application using hooks?
- What is the purpose of using the useDeferredValue hook in React?
- How do you implement form handling in a React.js application using hooks?
- What is the purpose of using the useId hook in React?

INTERMEDIATE-LEVEL QUESTIONS

- hat are controlled components in React?
- How do you implement error handling in React components?
- What is the Context API, and when would you use it?
- How do you create a higher-order component (HOC)?
- What is the purpose of React Router?
- How do you handle side effects in React?
- What is the difference between useEffect and useLayoutEffect?
- How can you optimize performance in a React application?
- What are synthetic events in React?
- How do you implement lazy loading for components in React?

ADVANCED-LEVEL QUESTIONS

- What is server-side rendering (SSR) and how does it differ from client-side rendering (CSR)?
- How do you implement code splitting in a React application?
- What is the purpose of React Suspense?
- Explain the concept of memoization in React.
- What is the difference between useMemo and useCallback?
- How do you manage the global state in a React application?
- What are the benefits of using TypeScript with React?
- How do you implement custom hooks in React?
- What is the purpose of the useReducer hook?
- How do you perform testing in React applications?

PRACTICAL-SCENARIO QUESTIONS

- How would you fetch data from an API in a React component?
- What would you do to improve the loading time of a React application?
- How do you implement pagination in a React application?
- What strategies would you use to handle large lists of data in React?
- How do you handle authentication in a React application?
- What is the purpose of the React Profiler?
- How do you create a responsive design in a React application?
- How would you approach debugging a React application?
- What are the differences between React and other libraries like Angular or Vue?
- How do you ensure accessibility in a React application?

MISCELLANEOUS-QUESTIONS

- What are the common pitfalls to avoid when using React?
- How do you handle CSS in React applications?
- What is the role of the React DevTools?
- How can you implement internationalization (i18n) in a React app?
- What is the purpose of React's StrictMode?
- How do you implement a theme switcher in a React application?
- What are the differences between the local state and the global state in React?
- How do you manage dependencies in a React application?
- What is a render prop, and how does it work?
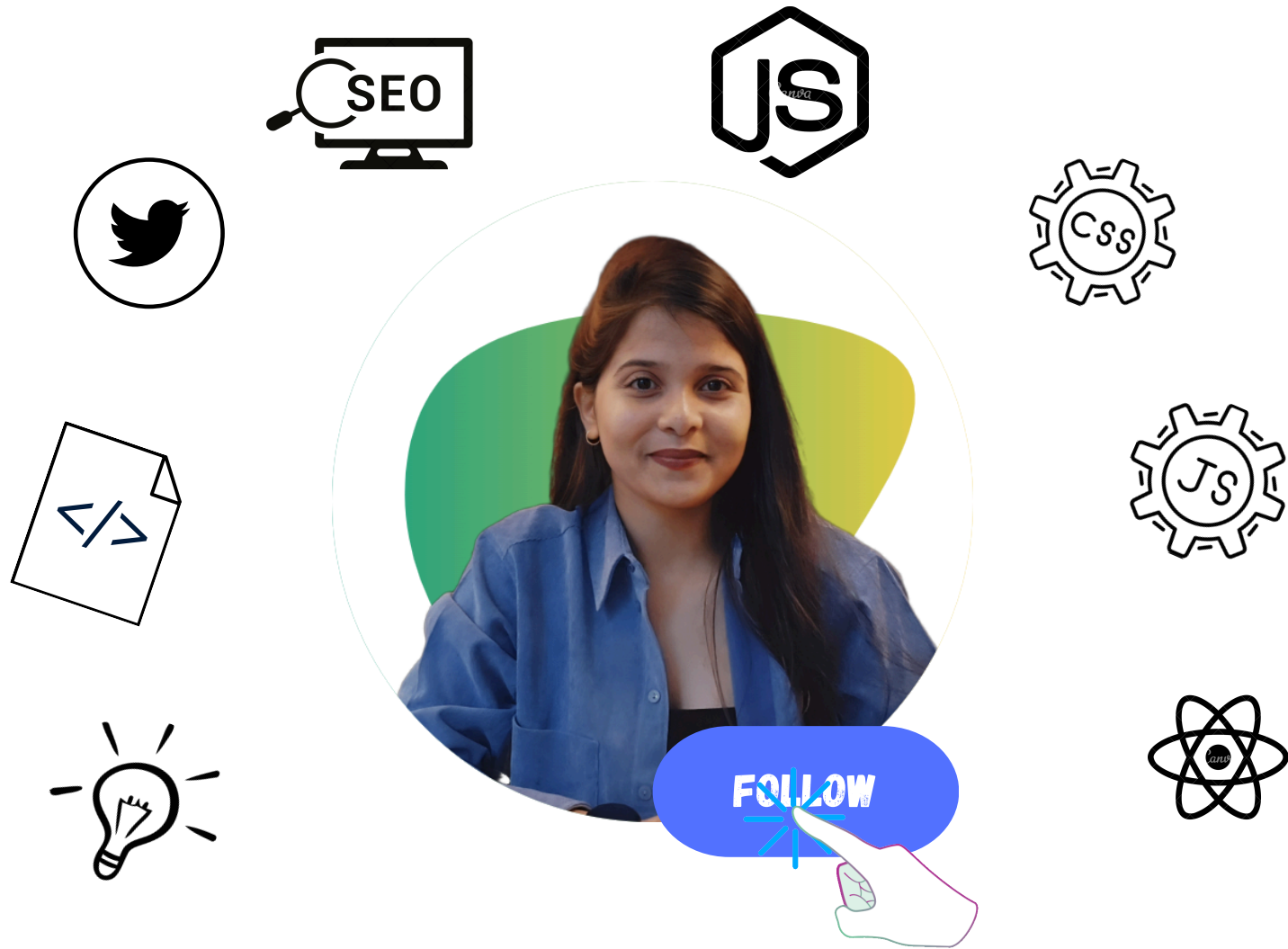- How do you handle version control in a React project?

SEO

JS

CSS

JS

FOLLOW

DIMPLE KUMARI

Forming a network of fantastic coders.