If I'm taking a React interview, here's what I'd ask:

✅ How does React Router handle dynamic routing?

✅ Controlled vs uncontrolled components — when and why?

✅ How to optimize large lists or grids (e.g., windowing, virtualization)?

✅ Managing async code and batched state updates.

✅ How to design and reuse custom hooks?

✅ Higher-Order Components (HOCs) — use cases and caveats.

✅ How to implement debounced or throttled search?

✅ Explain React's reconciliation and virtual DOM diffing.

✅ useMemo, useCallback, and React.memo — real-world examples.

✅ How to handle error boundaries in React?

✅ Forms in React — controlled vs uncontrolled inputs.

✅ When to use Context API, Redux, Zustand, or Recoil?

✅ Handling prop drilling — best strategies.

✅ How Suspense and lazy loading work in React?

✅ Server-side rendering (SSR) — when and why?

✅ Best practices for code-splitting in React apps.

✅ How to optimize bundle size and loading performance?

✅ React 18 features — concurrent rendering basics.

✅ Handling accessibility (ARIA) in React components.

✅ How to implement lazy loading of images in React?

✅ How does React handle state management in functional components with hooks?

✅ What are the differences between class components and functional components?

✅ How does React's context API work in terms of performance?

✅ How to prevent unnecessary re-renders in React applications?

✅ What are the advantages of using TypeScript with React?

✅ How to implement authentication and authorization in a React app?

✅ What are React portals, and when would you use them?

✅ How do React Router and React Context API work together for routing and state management?

✅ How to handle dynamic form validation in React?

✅ What is the significance of keys in lists in React?

✅ What are the lifecycle methods in class components and their equivalents in functional components using hooks?

✅ What are the best practices for testing React components?

✅ What are synthetic events in React and how do they work?

✅ How do you prevent memory leaks in React?

✅ What is the use of React's useLayoutEffect hook and how does it differ from useEffect?

✅ How to implement a custom useReducer hook for state management?

✅ What are the challenges of handling complex forms in React and how to overcome them?

Good React engineers know components. Great ones master rendering, performance, and architecture.

#ReactJS #Frontend #WebDevelopment #InterviewPreparation #TechHiring #ReactInterview

365   19 comments 46 reposts