

## React Js Interview Questions

1. How does react work?
2. What is reconciliation?
3. What is diffing algorithm?
4. What is **state**, and how is it different from props?
5. What are **keys** in React lists and why are they important? What happens if we don't pass them?
6. What is the difference between **useState** and **useReducer**?
7. What is the difference between **useEffect** and **useLayoutEffect**?
8. What is **useCallback**, and how is it different from **useMemo**?
9. What happens if you pass nothing in **useEffect** dependency array? What if you don't pass an array?
10. What is prop drilling? How can you avoid it?
11. How is **useContext** different from a state management library?
12. How can a child component send data back to a parent component?
13. What causes **re-renders** in React?
14. How can you optimize rendering performance?
15. What is **React.memo()** and when do you use it?
16. What is **lazy loading**, and how can you implement it?
17. What is **tree shaking**?
18. Which is better? React or Next and why?
19. What are **controlled** vs **uncontrolled components**?
20. What is higher order component?
21. How do you handle **loading** and **error** states in React API calls?
22. What is the difference between **Server-Side Rendering (SSR)** and **Client-Side Rendering (CSR)**?
23. What is debouncing and throttling?
24. Explain the event bubbling and capturing phases.
25. How does **localStorage**, **sessionStorage**, and **cookies** differ?
26. How can you improve the performance of your react app?
27. How to make react applications secure?
28. What is state uplifting?
29. What are the different ways to add CSS in React?

- 30. What is the use of Parcel, Vite, and Webpack?
- 31. Difference between Dependency vs. DevDependency in package.json

**Note:**

While preparing for a React developer position, make sure you prepare all the JS concepts.

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💡 Have a suggestion?

You can contribute or suggest edits at:

[github.com/minahilhussain/interviewQuestions](https://github.com/minahilhussain/interviewQuestions)