

Interview Question....

100 + Basic Interview Questions:

Everyone Clear this advanced topics before your interview - Question pattern based on topic: what is –topic name? How does it work ? Difference ? Why will you use it? Features name etc. If the interviewer asks you to explain it then you have to explain it or you can give some examples.

Others topics:

- 1.promise, callback function,
- 2.Array Methods[all]
- 3.async await, asynchronous task
- 4.Dom [related questions]
- 5.Lifting state up
- 6.This keyword
- 7.Ajax in javascript [no need to read for competition. Clear the concept for later for interview preparation]
8. prototype inheritance
- 9.Strict mode [no need to read for competition. Clear the concept for later for interview preparation]
- 10.React Hooks

Note: explain means not to answer with ½ sentences. You have to explain it like what it is and how it works or you can add some examples.

HTML:

1. What are the differences between HTML4 and HTML5 ?
2. What are semantic tags in HTML? Give me some examples.
3. What are the purpose of article, div, section, nav and aside?
4. Why will you use Meta tag?
5. What are the differences between inline, inline-block and block elements?
6. What are properties and attributes in HTML?
7. What is a viewport ?
8. What is hyperlink in html? What tag and attribute will you use for hyperlink?
9. What is the difference between HTML elements and tags?
10. How to align text in HTML?
11. Explain the use of an iframe tag.
12. Have you used Audio and Video tags? How do they work?
13. What is the Difference between strong , b, em, i tags?
14. How will center a div?
15. What is HTML?
16. What is charset in html? Why will you use it?
17. Tell me some feature names of HTML-5.

CSS:

1. What Flex layout? Difference Flex and grid layout?
2. Explain CSS position property? What are some differences between absolute position and relative position?
3. What is a box model? And what are the different elements of a box model?
4. What is the Hover effect? What is the purpose of the active class?
5. What is a CSS Preprocessor? What are some benefits of Sass?
6. What are the different types of Selectors in CSS?
7. What is CSS Specificity?
8. What is a Pseudo element? Give an example of a pseudo element?
9. How will you use media queries to make a website responsive?
10. How will you make font size responsive?
11. Difference between transition and transform.
12. How will you horizontally and vertically center a div inside a div?
13. What is a box model ?

14. Difference between id and class ?

15. Margin vs padding.

JavaScript Interview Questions:

1. What is JavaScript?

2. How does JavaScript work?

3. How does JavaScript code is executed in Browser?

4. What are the differences between "==" and "===" ?

5. What is a callback function?

6. When will you return something from a function?

7. Tell me about bind, call and apply.

8. What is a Closure in JavaScript? How does it work?

9. What does the "this" keyword indicate in JavaScript?

10. What is Event bubbling in js?

11. What is an Event Loop?

12. Explain hoisting in JavaScript.

13. What is a recursive function?

14. Difference between undefined and null.

15. What are the different data types in JavaScript?

16. What is DOM?

17. Is JavaScript a static type or a dynamic type?

18. What is a variable?

19. What are compilers and interpreters? And what is the difference between them?

20. What is scope? And what are block scope, global scope, and function scope?

21. find() vs filter().

22. map() vs forEach().

23. What is a function in Javascript ?

24. Function declaration vs function expression.

25. What are the break and continue statements?

26. What is the global variable?

27. How to handle an asynchronous program?

ES6

1. Tell me about Es6. Or what ES6 features did you use?

2. What are the differences between var, let, and const?

3. Why will you use default parameters?

4. How does the Spread operator work?

5. What is a Prototype chain?

6. Difference between class and object.

7. Explain Call by value vs call by reference .

8. What is a Higher-order Function?

9. What is the API? Difference between Get vs post?

10. Difference between local storage and Session storage.

11. What are cookies? And why will you use it?

12. What is object-oriented programming?

13. When will you return something from a function?

14. Difference between Array vs LinkedList.

15. How will you debug a JavaScript application?

16. What is template literal in ES6?

17. Difference between Spread Operator and rest operator.

18. What is destructuring?

19. Tell me about Ternary Operators.

20. Difference between regular function and arrow function.

21. What do you mean by IIFE?

React JS Interview Questions:

1. What is reactjs? Tell us about advantages and disadvantages of using react js.

2. Why will you select ReactJS?

3. What is Virtual dom? What are the differences between virtual and real dom?

- 4.Differences between props and state?
- 5.What is the purpose of useState? When and why will you use it?
- 6.What is a context API? How does it work?
- 7.Difference between useEffect and useState?
- 8.What is JSX? How does it work?
- 9.Tell us about React Component lifecycle?
- 10.What is the purpose of a custom hook? How will you create a custom hook? Give us an example.
- 11.How would you optimize a react js application?
- 12.How will you send data from a Child Component to the parent component?
- 13.What is the best way to send 4 or more props to a child component?
- 14.What is React Router Dom?
- 15.What is the State? How does it work?
- 16.What is props drilling?
- 17.Why do we inject dependency inside a UseEffect hook?
- 18.What is the react memo()? And why will you use it?
- 19.What are the controlled components in React JS?
20. What is the Lifting State up method in react?
- 21.What are stateful and stateless components?
22. Authentication Vs Authorization.
- 23.What is the diff algorithm?
24. Significance of the key in react?
25. What is JWT?

Node JS

- 1.What is Nodejs?
- 2.Node vs javascript.
- 3.Nodejs single threaded or multi threaded?
- 4.NodeJs is blocking or non-blocking?
- 5.What is Npm?
- 6.sql vs nosql.
- 7.what will you do if the server side crushes?
- 8.How does the API work?
- 9.What is CRUD?
- 10.Get vs post.
- 11.What is the difference between PUT and Patch?
- 12.How will you secure an API?

Express JS

- 1.What is Express js?
- 2.What are queries in Express JS?
3. Why Do you use try catch in Express JS?
4. Mention some features of Express JS.
5. Why do we use Express JS?
6. Difference between Node JS and Express JS?
7. What is Middleware in Express JS?
8. Explain what is CORS in Express JS?
- 9.What are the different types of HTTP requests?
- 10.What is the use of app.use in Express JS?

MongoDB

- 1.What is the \$ set in MongoDB?
- 2.What is the purpose of a database?
- 3.What do you mean by database design and database schema design?
4. What is mongoose? How does it work? Have you ever used it?
5. Why do we use Node MongoDB with React without Mysql?
6. How Does MongoDB Differ From Traditional Relational Databases?
- 7.What is a collection in MongoDB?
8. How does MongoDB store data?
9. What is the primary key in MongoDB?

Next JS

- 1.What is Next JS? And what are its main features?
- 2.How does Next JS differ from creating a react app?
- 3.What is Next JS and is it different from react?
- 4.What is SSR and when to use it in Next JS applications?
5. What are the different data fetching methods in Next JS? And would you use each one?
- 6.What is the significance of app.js and document.js files in the next js?
- 7.How do you handle routing in the next js?
- 8.What are the benefits of using Next JS?
- 9.Explain how dynamic routes work in the next js?
- 10.What is server side rendering and is it important?
- 11.Explain the concept of prefetching of the next JS and How it impacts performance?
- 12.Explain the purpose of "static site generation" (SSG) and "server-side rendering" (SSR) in the context of Next.js, and when would you use each approach?
13. What are the key differences between client-side rendering (CSR) and server-side rendering (SSR) in Next.js?
- 14.What are the performance optimization techniques you can use in a Next.js application, and why are they important?
- 15.How do you create dynamic routes in the next JS?

Redux

1. What is Redux? Why will you use it?
2. What are the advantages of using Redux?
3. What are the main features of Redux?
4. What is a store in Redux?
5. What is a reducer in Redux?
- 6.What is an action in Redux?
7. Explain the Redux data flow.
8. What is middleware in Redux?
9. How to handle asynchronous actions in Redux?
10. Explain the concept of immutability in Redux.
11. When should you use state, context API and Redux and why?

Typescript

- 1.What is TypeScript?
- 2.Advantages and Disadvantages of Typescript?
- 3.What are Modules in Typescript?
- 4.Explain generics in TypeScript.
- 5.Explain the interface in typescript.
- 6.Why should you use interfaces or classes in typescript?
- 7.What is the difference between typescript and Javascript?
- 8.Difference between interface and type statements.
- 9.What do you know about Enum in typescript?
- 10.Explain "any" in typescript.