Top 100+ React Interview Questions You Must Prepare In 2024

Last updated on Nov 21,2023   *1.4M Views*   **Share**

Swatee Chand 🔗
Sr Research Analyst at Edureka. A techno freak who likes to explore...

Selecting the right technology for developing an application or website is becoming more challenging. Among all, React is considered as the fastest growing Javascript framework. Slowly and steadily, the JavaScript tools are firming their roots in the marketplace and the demand for **_React Certification Training_** is increasing exponentially. With a quick learning curve, reusable components, and clean abstraction, React is a clear win for front-end developers across the globe. So, if you are an aspiring front-end developer and preparing for interviews, then this blog on **Top 100+ React Interview Questions** is for you.

Let us start by taking a look at some of the most frequently asked **React Interview Questions:**

1. Differentiate between Real DOM and Virtual DOM.
2. What is React?
3. What are the features of React?
4. List some of the major advantages of React.
5. What are the limitations of React?
6. What is JSX?
7. What do you understand by Virtual DOM? Explain its working.
8. Why can't browsers read JSX?
9. How different is React's ES6 syntax when compared to ES5?
10. How is React different from Angular?

As of today, there are about 1,000 contributors on Github. Unique features like Virtual DOM and reusable components grab the attention of front end developers. Despite being just a library for 'View' in MVC (Model-View-Controller), it's giving strong competition to full-blown frameworks like Angular, Meteor, Vue, etc. Check out the belo2w graph which shows the trend of popular JS frameworks:
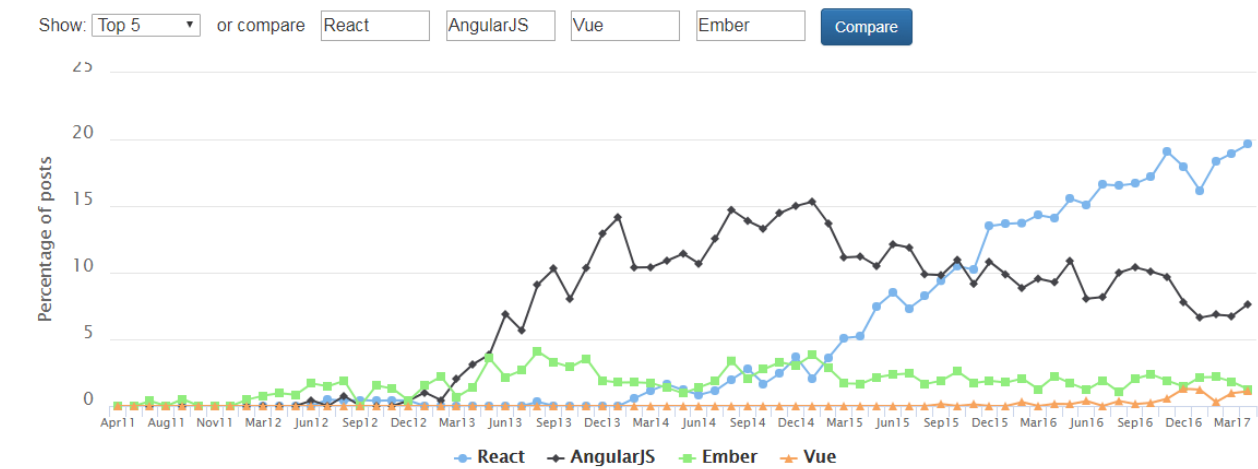
React Interview Questions

So, here are the **Top 100+ React Interview Questions and Answers** which are most likely to be asked by the interviewer. For your ease of access, I have categorized the React interview questions namely:

- General React Interview Questions
- React Component Interview Questions
- React Redux Interview Questions
- React Router Interview Questions

General React – React Interview Questions

1. Differentiate between Real DOM and Virtual DOM.

Real DOM	Virtual DOM
1. It updates slow.	1. It updates faster.
2. Can directly update HTML.	2. Can't directly update HTML.
3. Creates a new DOM if element updates.	3. Updates the JSX if element updates.
4. DOM manipulation is very expensive.	4. DOM manipulation is very easy.
5. Too much of memory wastage.	5. No memory wastage.

Real DOM vs Virtual DOM

2. What is React?

- React is a front-end JavaScript library developed by Facebook in 2011.
- It follows the component based approach which helps in building reusable UI components.
- It is used for developing complex and interactive web and mobile UI.
- Even though it was open-sourced only in 2015, it has one of the largest communities supporting it.

3. What are the features of React?

Major features of React are listed below:

i. It uses the **virtual DOM** instead of the real DOM.
ii. It uses **server-side rendering**.
iii. It follows **uni-directional data flow** or data binding.

4. List some of the major advantages of React.

Some of the major advantages of React are:

i. It increases the application's performance

ii. It can be conveniently used on the client as well as server side

iii. Because of JSX, code's readability increases

React Interview Questions and Answers in 2024 | Edureka

6. What is JSX?

JSX is a shorthand for JavaScript XML. This is a type of file used by React which utilizes the expressiveness of JavaScript along with HTML like template syntax. This makes the HTML file really easy to understand. This file makes applications robust and boosts its performance. Below is an example of JSX:

```
1   render(){
2       return(
3
4   <div>
5
6   <h1> Hello World from Edureka!!</h1>
7
8           </div>
9
10      );
11  }
```

7. What do you understand by Virtual DOM? Explain its works.

A virtual DOM is a lightweight JavaScript object which originally is just a copy of the real DOM. It is a node tree that lists the elements, their attributes and content as Objects and their properties. React's render function creates a node tree out of the React components. It then updates this tree in response to the mutations in the data model which is caused by various actions done by the user or by the system. Check out this Web developer course online to learn more about react.

This Virtual DOM works in three simple steps.

1. Whenever any underlying data changes, the entire UI is re-rendered in Virtual DOM representation.

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? .

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

e!   **Top 100+ React Interview Questions You Must Prepare In 2024**
edureka.co

✕

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
e! edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp

Linkedin

Twitter

Facebook

Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024

e! edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
e!   edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024

e!   edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
e! edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

e!

×

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
e! edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
e! edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

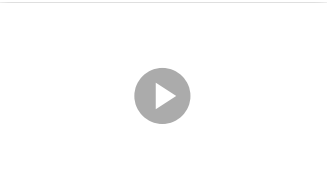Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
e! edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

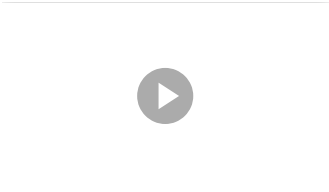Subscribe to our Newsletter, and get personalized recommendations.

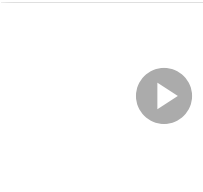A Work Day Of A Web Developer

Watch Now

Angular JS : Develop Responsive Single Page Application

Watch Now

Angular JS Tutorial for Beginners

Watch Now

AngularJS – Develop Responsive Single Page Application

Watch Now

‹›

What is JavaScript – All You Need To Know About JavaScript

Read Article

What Is Angular – Getting Started With Angular

Read Article

Everything You Need To Know About Stream In Java

Read Article

What Is React? – Unveil Magic Of Interactive React

Read Article

‹›

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

React JS Certification
Training Course
16k Enrolled Learners
Weekend
Live Class
Reviews
★★★★★ 5 (6150)

Angular Certification
Training Course
24k Enrolled Learners
Weekend
Live Class
Reviews
★★★★★ 5 (9300)

Web Developer Certification
Training Course
12k Enrolled Learners
Weekend
Live Class
Reviews
★★★★★ 5 (4750)

UI UX Design Cert
Course
11k Enrolled Learne
Weekend
Live Class
Reviews
★★★★★ 5 (4100

‹›

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit

Subscribe to our Newsletter, and get personalized recommendations.

Already have an account? Sign in.

Top 100+ React Interview Questions You Must Prepare In 2024
edureka.co

Whatsapp   Linkedin   Twitter   Facebook   Reddit