

REACT JS

COMPLETE NOTES.

ATUL KUMAR (LinkedIn / Twitter)

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→ What is ReactJS?

→ ReactJS is an open source Javascript library used for building interfaces. It focuses on creating dynamic interactive web applications by allowing developers to create reusable UI components.

→ Why we ReactJS?

→ Reacts is popular and widely used for several reasons:

Component Based Architecture

React allows you to break down your UI into reuse components. Making it easier to manage.

Efficient Updates:

It uses Virtual DOM, which optimized rendering by updating only parts of pages that change improving performance.

Large Ecosystem :

React has vast ecosystem of libraries and tools.

Cross Platform:

React can be used for both web and mobile app development.

PROS AND CONS OF REACTJS

PROS :

Component-based React encourages a modular, component based approach to build user interfaces.

Easy to learn and use : React is much easier to learn and use. It comes with good supply of documentation.

Reusable Components : A ReactJS web application is made up of multiple components. Each component has its own logic.

Scope for testing Codes : ReactJS applications are extremely easy to test. It offers scope where developers can test and debug their codes with help of native tool.

Atul Kumar (LinkedIn/Twitter)
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CONS:

Poor Documentation React Technologies updating and accelerating so fast that there is no time to make proper documentation.

View Part ReactJS covers only UI layers of app & nothing else. So you still need to choose other technologies to get complete tooling set for development.
