What is React?

Open source library for building user interfaces

Not a framework

Focus on UI

Rich ecosystem

Why learn React?

Created and maintained by facebook

More than 100k starts on GitHub

Huge community

In demand skillset

Component Based Architecture

Graphical user interface, chart

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Reusable code

Diagram

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React is declarative

Tell React what you want and React will build the actual UI

React will handle efficiently updating and rendering of the components

DOM Updates are handles gracefully in React.

More on why React?

Seamlessly integrate react into any of your application

Portion of your page or a complete page or even an entire application itself.

React native for mobile applications.

Prerequisites

HTML,CSS And javascript fundamentails

ES6

Javascript- ‘this’ keyword,filter, map and reduce

ES6 – let & const, arrow functions, template literails, default parameters, objects literails, rest and spread operators and destruturing assignment.

Reactfrom scratch

Channel content – React

Diagram

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**React 18v** React 18 is the latest version of React, which was released in September 2021. React 18 is a major release that brings several new features and improvements to the popular JavaScript library.