**Complete React Developer in 2021**

30th Dec ‘20

React-Saga: a scalable way to handle asynchronous actions in the app

Jest library for testing

MVC style started with Angular in 2010 from google inc.

What is AJAX? AJAX = Asynchronous JavaScript and XML. AJAX is a technique for creating fast and dynamic web pages.

React was written by Facebook in 2013

In imperative way directly changes the various parts of the app in response to user events.

1. Don’t touch the DOM

React uses a declarative approach to development. We are not interacting with the DOM, which React takes care. According to the state changes, React updates the DOM

1. Build websites like lego blocks

React components are functions / classes that receives input as props process it and return.

1. Unidirectional data-flow

Data flows in one direction from top to bottom

1. UI library

React Native for mobile

React Electron from Desktop apps

React Blas for Terminals

React 360 for VR

2 main libraries: React, ReactDOM

Good React developers are good at: Decide on Components, Decide the state and where it lives, What changes when state changes.

Nvm is node version manager. Nvm install <version>

<https://codesandbox.io/s/new> -- is react in the browser.

Npx allows to run app without installing it. Npx create-react-app my-app

Reactjs.org

For git bash, install from gitforwindows.org

Yarn is created by facebook

ReactDOM is the robot that interacts with the real DOM