## **CSDT Centre**

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### React JS

**React JS** is the popular JavaScript Library. **React** is used to handle view layer of web application and Mobile Apps. React was developed and maintained by **Facebook**. React can create reusable UI Components.

React JS is the top most demanded JavaScript Library/Framework demanded in 2021-22. Candidates with good knowledge of react are more in demand.

React is a declarative, efficient, and flexible JavaScript library for building user interfaces. It lets you compose complex UIs from small and isolated pieces of code called "components".

All these concepts and a lot more than this, you will get to learn in React.js Training. React is a front-end library developed by Facebook. It is used for handling the view layer for web and mobile apps.

ReactJS allows us to create reusable UI components. It is currently one of the most popular JavaScript libraries and has a strong foundation and large community behind it.

Get certified In react.js and upgrade your skills in becoming a full stack developer.

### Are you Looking Best institute for React js Training Course in Patna?

CSDTCentre offers React Training classes with live project by expert trainer in Patna, Boring Road.

Our **React JavaScript training program in Patna** is specially designed for Students, Under-Graduates, Graduates, Working Professionals and Freelancers.

We provide end to end learning on React Domain with deeper dives for creating a winning career for every profile.

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### **React JS Course**

CSDTCentre **React JS Course** is started with introduction of JavaScript first. JavaScript ES6 is required to learn ReactJS.

### Prerequisites for React JS Training

- HTML5
- CSS
- JavaScript ES6

We Don't recommend React JS to freshers. Frontend with React will be suitable for Them.

#### **React JS Course Content**

**React JS** course starts with JavaScript ES6 Introduction.

### JavaScript ES5 / ES6

- JavaScript Let and Const
  - Arrow Functions
  - Classes
  - Data Structure
- Modules
- Package Manager (NPM and Node)
- Basic JavaScript
- DOM and BOM
- Intervals and Objects
- Prototype, Hoisting and Closure
- Let, Const, Arrow, Class and Inheritance
- o Map, Filter, Reduce, Template Literals
- o forEach, for-in, for-of loop.

### **Libraries & Packages**

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- React
- Redux
- o NPM
- o React-router-dom
- Axios
- React-paginate

### Module 1

- o Why React?
- How React Works
- o NPM
- React Setup
- JSX
- Components
- Props and State
- Lists and Conditionals
- Styling React Components and Elements
- Nesting Components
- Conditional Rendering
- Events and arguments

#### Module 2

- Routing, DOM, and Hooks in React
- Forms and Images
- Bootstrap in React
- Material UI
- Fetching API Data using Axios
- Paginating Data
- Context API
- Higher Order Component HOC
- Error Boundaries
- Introduction to Redux
- Setting up Redux in React
- Debugging
- CRUD in React
- Projects etc.