

Introduction to ReactJS

Modality: On Demand

Duration: 12 Hours

About this course:

ReactJS is the latest JavaScript framework to capture the hearts and attention of the frontend developer community.

Developers love ReactJS because it highly performant and renders changes almost instantly. The best part about ReactJS is that it is a relatively small framework and does not take too much time to learn!

Starting with the basics of JSX syntax, this course will teach you how to model UI components using React Components. By the end you should be able to manage the state and life cycle of React Components and use them to dynamically generate lists and forms.

Course Objective:

- How to use the JSX syntax to create React Elements
- How to build React applications using React Components
- How to manage the state and lifecycle methods of React Components
- How to build lists and forms using React Components

Audience:

- Web Developer

Prerequisite:

- Solid foundation on JavaScript And HTML

Course Outline:

Module 1 | JSX and React Components

- Module 1 Intro
- Setting up ReactJS
- What is ReactJS
- Rendering Elements
- JSX
- Functional Components
- Composition
- Conditional Rendering

- Module 1 Tutorial
- Module 1 Lab
- Module 1 Assessment

Module 2 | State, Life Cycle, and Event Handlers

- Module 2 Intro
- Class Components
- State
- Life Cycle Methods
- Event Handlers
- Lifting State Up
- Module 2 Tutorial
- Module 2 Lab
- Module 2 Assessment

Module 3 | Lists and Forms

- Module 3 Intro
- Lists
- Forms
- Module 3 Tutorial
- Module 3 Lab
- Module 3 Assessment

Module 4 | Final Assessment

- Final Assessment?