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Learning Style: On Demand

Technology: Microsoft

Difficulty: Intermediate

Course Duration: 12 Hours

Introduction to ReactJS

About the course:

If you are a front end developer who likes to remain up to date with latest web technologies then you need to learn about ReactJS, the recent JavaScript framework.

The most attractive part ABOIT ReactJS is that it is user friendly and easy to learn. You won't need a lot of time learning it but the results are great. It ensures instant changes and effective performance.

You will familiarise yourself with JSX syntax in this course and learn things like the modelling of UI components with the aid of React Components.

At the end you will be able to use React components in a way that you can generate lists and forms and also manage the state and life cycle of these components.

Aims:

- Being able to use JSX syntax for the purpose of creating React Elements
- Managing different methods of react components like the state and lifecycle method
- Being able to create react applications with the aid of react components
- Being able to create lists and forms with the aid of React comments

Targeted audience:

Web developers

Prerequisite:

In depth knowledge of 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?