
Beginning Frontend Development with React

Duration: 1 Day Course Code: LO035413 Delivery Method: Virtual Learning

Overview:

This is a 1-day course packed with the perfect balance of theory and hands-on activities that will help you get started with React.

React is widely used to create fast and reusable user interface components. It has been remarkably successful in recent years, since it is easy to use and offers a coherent design model.

React's ease of use depends on an actual understanding of the core concepts of the library. By exploiting these concepts, you can build a high-quality design interface.

You'll find helpful tips and tricks, as well as useful self-assessment material, exercises, and activities to help benchmark your progress and reinforce what you've learned.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

You should have a strong JavaScript background, ES2015 or later, along with knowledge of HTML.

Basic knowledge of Node.js may be useful for managing the local development environment, but it is not mandatory.

Objectives:

- Create components and combine them together to build other components
 - Use JSX declaratives to describe how a component should look
 - Manage a component's internal state
 - Manage interaction events
 - Exploit component lifecycle events
 - Manage navigation between high-level components
 - Design user interfaces by making the most of React's features
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Prerequisites:

Hardware

For successful completion of this course, students will require computer systems with the following:

- Processor: Pentium 4 (or equivalent)
 - 2 GB RAM
 - Hard disk space: 10 GB
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- A projecting device (for the instructor only)
- An Internet Connection
- A keyboard and mouse or other pointing device

Software

- Operating System: Windows 10 version, 1507
- The latest version of Node.js (<https://nodejs.org/en/>)
- The latest version of Chrome or the penultimate version

Content:

Lesson 1: Introducing React and UI Design

- What is React?
- How to Set Up a React-Based Application
- How to Design a UI

Lesson 2: Creating Components

- Definition of a Component
- Using JSX
- Composing Components
- Data Propagation
- Managing the Internal State

Lesson 3: Managing User Interactivity

- Managing User Interaction
- Component Lifecycle Events

Managing Routing

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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