**Systems Training**

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| |  |  | | --- | --- | | **Title/Course Number:** | **ReactJS – Building Modern Web Applications #000124** | | **Learning Path:** | Independent Class | | **Length:** | 32 Hours | | **Description:** | This four-day hands-on class is for programmers and developers who intend to build rapid, responsive user interfaces (UI) that can deal with data-intensive usage. ReactJS is an essential component in any web developer’s skillset. It has helped to transform the web as we know it, and was designed by Facebook to help developers build responsive UI. This ReactJS course provides students with a fast, engaging and practical route into ReactJS—so they can build powerful, elegant, and modern web applications. | | **Competencies or *Skills* Taught:** | Programming | | **Target Audience:** | Web developers | | **Prerequisites:** | Students should have working knowledge of JavaScript and familiarity with HTML and CSS. | | **Learning Objectives:** | At the end of the course, the student will be able to:   1. Build a React app. 2. Create components to define parts of the UI. 3. Build more complex UIs by combining components into other components. 4. Utilize JSX to specify visuals without writing full-fledged JavaScript. 5. Deal with maintaining state. 6. Utilize React's way of styling content. 7. Demonstrate an understanding of the mysterious component lifecycle. 8. Build multi-page apps using routing and views. 9. Optimize your React workflow using tools such as Node, Babel, webpack, and others. | |