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Course Outline :: WD320::

Module Title	:	**WD320 – ReactJS Development**
Duration	:	**3 days**

Overview

React JS is an open-source JavaScript library for building user interfaces. It is maintained by Facebook, Instagram and a community of individual developers and corporations. React is currently being used on the websites of Netflix, Imgur, Bleacher Report, Feedly, Airbnb, SeatGeek, HelloSign, Walmart, and others.

React allows developers to create large web applications that use data which can change over time, without reloading the page. Its main goal is to be fast, simple and scalable. React processes only user interface in applications. This corresponds to View in the Model-View-Controller (MVC) template, and can be used in combination with other JavaScript libraries or frameworks in MVC, such as AngularJS. It can also be used with React based on add-ons to take care of without the user interface parts of web developing.

Course Pre-requisites

Participants MUST have intimate knowledge of HTML, CSS and Javascript

Course Objectives

Upon completion of this course, participants should be able to:

- Create real-world native apps using React
- Make truly reusable components that look great
- Understand the terminology and concepts of Redux
- Get up to speed with React design principles and methodologies
- Discover mobile design patterns used by experienced engineers

Course Content

- Getting started
- Properties
- State
- Stateless Functional Components
- Component Lifecycle

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Course Outline :: WD320::

- ES6 Classes
- Webpack & Project Setup
- Getting Started With Redux