

# **Clojure with Node and React App Development**

- i. Introduction to Clojure
- ii. Basic Clojure Syntax and the REPL
- iii. Clojure Functions
- iv. Clojure Namespaces
- v. Working with Java Code & Clojure
- vi. More Clojure Syntax...
- vii. Intro to Functional Programming with Clojure
- viii. Data Structures
- ix. Polymorphism

## **REACT JS**

- i. Introduction to React JS
- ii. Emerging JavaScript
- iii. Pure React
- iv. React with JSX
- v. Props, State and the Component Tree
- vi. Enhancing Components
- vii. Redux
- viii. React Redux
- ix. React Router
- x. React on the Server

## **NODE JS**

- i. Understanding Node environment
- ii. Understanding Asynchronous Event Driven Programming
- iii. Streaming Data Across Node And clients
- iv. Access the File System
- v. Using Express
- vi. Databases
- vii. Working with MySQL
- viii. Connecting Node with Angular
- ix. CRUD operation with HTTP
- x. Deployment.