

SYLLABUS

THE COMPLETE WEB
DEVELOPMENT
BOOTCAMP

REACT DEVELOPMENT COURSE

JAVASCRIPT ES6

- The Fundamentals of Code
 - Starting code with alerts and prompts.
 - Understand Variables and Data Types in JavaScript
 - Variable naming in JS
 - Working with strings and numbers
 - Randomisation and logical operators
 - Loops, collections and Conditionals.
 - Functions and invocation patterns
 - Discussion of ECMAScripts
 - Intermediate JavaScript
 - Learn to use JS Expressions, Operators, Statements and Declarations
 - Object-Oriented Programming
 - JS Objects and Prototypes
 - `This`, Scope and Closures
 - Objects and Prototypes
 - Refactoring and Debugging
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- Arrow Functions
 - Map/Filter/Reduce
 - Find/FindOne/FindIndex
 - Import/Export and Modules
 - Object and Array Destructuring
 - Spread Operator

REACT.JS

- Learn front-end development with React.
- Understand when and how to use React Components.
- Learn to pass Props and work with them.
- Learn to write JSX and understand JSX syntax.
- Learn about the React DOM.
- Learn State Management in React.
- Learn about React Hooks.
- Learn about conditional rendering in React.
- Understand the difference between class and functional components.

GIT GITHUB AND VERSION CONTROL

- Using git for version control and collaboration
- Git forking, branching and cloning
- Using GitHub as a remote repository
- Checkout and rolling back changes with git
- Using git and GitHub with Xcode

DEPLOYMENT

- Understand hosting and deployment.
- Hosting static websites with GitHub Pages.
- Deploying server based applications with Heroku.
- Deploying Databases with Mongo Atlas.