

React Track		
Duration 15 days		
Topic	#Day	Contents
HTML	1	HTML5 tags, form api, mullti media api.
CSS	2	CSS3, CSS3 objects,selectors.
BootStrap	3	Introduction and programming with Bootstrap
JavaScript	4	JavaScript programming. Objects of JS - Date, String
Modern JavaScript	5	Modern JavaScript (ES6). Event driven programming. JSON programming. ES6 classes, methodsJS bind method. Let vs const. Template Strings. Destructuring. Rest vs spread operators.For..of vs for..each.Javascript modules
DOM	6	DOM Manipulation; JSON and Restful APIs (Async & Await)
TypeScript	7	Introduction to Typescript and Webpack. Typescript Introduction. Compiling or Transpiling. Typescript Files. Typescript Compiler. Common Flags ECMAScript Target Version. Generate Declarations. No Implicit Any. Combined Output. Environment Setup.Basic Syntax.Types. Variables, Operators. Decision Making. Loops. Functions. Numbers.
	8	Strings.Arrays.Tuples.Union.Static Keyword.Interfaces.Abstract Class. Classes Objects.Polymorphism.Generics.Namespaces.Modules.Generating tsconfig.json and features
React	9	Thinking in React; Component Lifecycle; React Router & React Context; ReactJS Security, Performance & Optimization. ReactJs features, React - JSX, Architecture, Installation, React vs Angular, Installation, Create-react-app;
	10	ReactJs components, styling. ReactJs state, Properties, State Management. React Events; ReactJs – Http Client Programming; Form Programming, Routing
	11	ReactJs – Redux, Animation; ReactJs – CLI Commands; Building and Deployment
Building ReactJS APP	12	Building ReactJS App
	13	
Testing	14	Basic Overview of Testing with JEST / Enzyme Building
	15	