Node JS (In 5 Hours)

1. **Introduction and Setup**
   1. Introduction and the Goal of this Course
   2. Introduction to command line interface(CLI)
2. **Node JS Architecture**
   1. **V8 Javascript Engine**
   2. **Javascript Engines and The ECMAScript Specification**
3. **The Node Core**
   1. **Servers and clients**
   2. **Run sample javascript node**
4. **Type Script** 
   1. **Variables and Data Types**
   2. **Functions**
   3. **OOPS**
      1. **Classes**
      2. **Objects**
      3. **Encapsulation**
      4. **Polymorphism**
         1. **Function overloading**
         2. **Function Overriding**
   4. **Inheritance**
   5. **Closures**
   6. **Event loop**
5. **Node Package Manager**
6. **ExpressJS**
7. **Connecting to MongoDB (Combination of Express JS , MongoDB and React JS CRUD Operation Demo)**

ECMA Scripts 6 (In 5 Hours)

1. Introduction to ES6
2. Constants
3. Scopes
   1. Block scoped variables
   2. Block scoped functions
4. Arrow Functions
5. Extended parameter handling
   1. Default parameters
   2. Rest Parameters
6. Template Literals and string interpolation
7. Modules Import and export
8. Classes
   1. Class definition
   2. Class Inheritance
   3. Static members
   4. Polymorphism

React Redux (In 10 Hours)

1. Introduction to ReactJS
2. Rendering with ReactJS
3. JSX usage and sample examples
4. Creating Components
5. Component Lifecycle
6. Properties
7. States
8. Compound components
9. Render Properties
10. Routing
11. Server rendering
12. Redux
    1. Understand one-way data flow
    2. Understand Redux concepts like stores and actions
    3. Implement a feature using Redux
    4. Handle latency and errors using Redux
13. Implementing Redux
    1. Store
    2. Provider
    3. Components
    4. Containers
    5. Action
    6. Reducers