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. **Javascript**
   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**
5. **Node Package Manager**
6. **ExpressJS**
7. **Connecting to MongoDB (Combination of Express JS , MongoDB and AngularJS CRUD Operations)**

AngulaJS(In 10 Hours)

1. **Angular JS (SPA advantages over primitive approach)**
2. **Project set-up with NPM package manager**
3. **Application design approach**
4. **Design patterns :**
   1. **MVC**
   2. **MVVM**
   3. **Singleton**
5. **Application boot-strapping**
6. **Routing**
7. **Template engine**
8. **Using in built directives**
9. **Component development (directive)**
10. **Services**
11. **Factory**
12. **Promise**
13. **Sample TODO Application With CRUD (usning $http)**
14. **Interview questions from each and every topics**