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**
   6. **Event loop**
5. **Node Package Manager**
6. **ExpressJS**
7. **Connecting to MongoDB (Combination of Express JS , MongoDB and AngularJS JS CRUD Operation Demo)**

Typescript(5 Hours)

1. **Overview**
2. **Environment Setup**
3. **Basic Syntax**
4. **Data types**
5. **Variables**
6. **Functions**
7. **Arrays**
8. **Tuples**
9. **Classes**
10. **Modules**
11. **Namespaces**

AngulaJS 2(In 10 Hours)

1. **Angular 2 Introduction**
   1. **Getting Started**
   2. **Development Environment**
   3. **Angular 2 Architecture & Concepts**
2. **Component & Modules**
   1. **Components Overview**
   2. **Angular Modules**
   3. **Basic Components**
   4. **Application Bootstrapping**
   5. **Component LifeCycle**
3. **Data Binding**
   1. **One-Way Data Binding**
   2. **Interpolation**
   3. **Property Binding**
   4. **Event Binding**
   5. **Special Bindings**
   6. **Two-way Data binding**
   7. **ngModel**
4. **Modules & Component Composition**
   1. **Component Input Properties**
   2. **Event Emitters**
   3. **Component Output Properties**
   4. **Custom Events**
5. **Services & Dependency Injection**
   1. **Dependency Injection in Angular 2**
   2. **The injectable Decorator**
   3. **Services & Providers**
6. **HTTP**
   1. **RxJS & Observables Overview**
   2. **Making Http Requests**
   3. **Handling Http Responses**
   4. **Error Handling**
7. **Angular Routing**
   1. **Routing Configuration**
   2. **Router Directive**