



ANGULAR JS CURRICULAM

NodeJS- Intro, NPM, Node JS ecosystem.

Typescript

- What is TypeScript?
- Installing TypeScript
- Creating a TypeScript project
- Reviewing ES6 language features
- Specifying JavaScript types
- Defining custom and anonymous types
- Defining and implementing TypeScript classes
- Working with generics
- Organizing code with namespaces
- Switching modules
- Importing modules

Angular 2

- Bootstrapping an Angular 2 Application
- Understanding the File Structure
- Bootstrapping Providers
- Components in Angular 2
- Creating Components



- Application Structure with Components
- Passing Data into a Component
- Responding to Component Events
- Using Two-Way Data Binding
- Accessing Child Components from Template
- Projection
- Structuring Applications with Components
- Using Other Components
- Directives
- Attribute Directives Style Directive, NgClass Directive
- Structural Directives
- NgIf Directive, NgFor Directive , NgSwitch Directives
- Using Multiple Structural Directives
- View Encapsulation
- ElementRef
- Observables
- Angular 2 Dependency Injection
- What is DI?
- DI Framework
- Angular 2's DI
- @Inject() and @Injectable
- Change Detection
- Change Detection Strategies in Angular 1 vs Angular 2
- Enforcing Immutability

- Pipes
- Using Pipes
- Custom Pipes
- Stateful Pipes
- Forms
- Modules
- What is an Angular 2 Module?
- Adding Components, Pipes and Services to a Module
- Creating a Feature Module
- Directive Duplications
- Lazy Loading a Module
- Lazy Loading and the Dependency Injection Tree
- Shared Modules and Dependency Injection
- Sharing the Same Dependency Injection Tree
- Routing
- Why Routing?
- Configuring Routes