Angular JS5 Course Content   4 days

Angular JS Fundamentals
- The Problem
- What Is a Single-Page Application?
- Web Application Flow
- DIY with Early JavaScript Frameworks
- Angular Solution
- Why TypeScript?
- Angular Key Components
- Angular Architecture
- Angular Features
- Development Tools
- Command Line Tools
- Angular Quick Start
- Setting up the environment

Introduction to Components
- What Is a Component?
- Creating the Component Class
- Defining the Metadata with a Decorator
- Bootstrapping Our App Component

Templates, Interpolation, and Directives
- Building a Template
- Building the Component
- Using a Component as a Directive
- Binding with Interpolation
- Structural Directives

Data Binding and Pipes
- Property binding
- Handling Events with Event Binding
- Handling input with two-way binding
- Transforming data with pipes

More on Components
- Defining interfaces
- Encapsulating Component Styles
- Using Lifecycle Hooks
- Building Custom Pipes
- Filtering a List
- Building a Nested Component
- Using a Nested Component
- Passing Data to a Nested Component Using @Input
- Passing Data from a Component Using @Output

Services and Dependency Injection
- Building a Service
- Registering the Service
- injecting the Service

Retrieving Data Using HTTP
- Observables and Reactive Extensions
- Sending an HTTP Request
- Exception Handling
- Subscribing to an Observable

Navigation and Routing
- Introduction to Routing
- Configuring Routes
- Tying Routes to Actions
- Placing the views
- Passing Parameters to a Route
- Activating a Route with Code
- Protecting Routes with Guards

Angular Forms
- Angular Forms API
- Form Types
- Template-Driven Forms
- Reactive Forms