

# JQUERY – 3 day

## Pre-requisite

- Basic knowledge of computers
- Javascript basics
- HTML Basic
- CSS Basic

## Contents

### DAY 1

- JavaScript summary
- Getting Started
- Running Code
- Syntax Basics
- Types
- Reserved Words
- Arrays
- Objects
- Functions
- Scope
- Closures
- Timers

### DAY 2

- Making DOM Elements
- Manipulating Elements
- Generating HTML
- DOM Elements
- \$ vs \$()
- \$( document ).ready()
- Avoiding Conflicts with Other Libraries
- Attributes
- Selecting Elements

### DAY 3

- Working with Selections
- Manipulating Elements
- The jQuery Object
- Traversing
- CSS, Styling, & Dimensions
- Data Methods
- Utility Methods
- JQueryUI

# ANGULAR 7/8 – 4 days

## Pre-requisite

- Basic knowledge of computers
- Javascript basics
- HTML Basics
- CSS Basics
- Understand Dependency Injection

## Contents

### DAY 1

- Angular 6 Overview
- Angular 6 features as compared to other versions
- What is SPA
- NodeJS Basics
- TypeScript Basics:
- Angular CLI command Installation
- Running first angular app
- Angular Architecture
- Angular Project
  - Running first hello world application
  - Understanding the structure of angular framework

### DAY 2

- Components
  - Create components
  - Understand the decorator parameters
  - Modify the templates- Inline and url
- Binding
  - One-way binding
  - String interpolation
  - Attribute binding
  - Style binding
  - Class binding
  - Event binding
  - 2-way data binding

- Parent Child Components

## DAY 3

- Component Interaction using Input and Output
- Lifecycle Hooks
- Directives
  - Structural – ngIf, ngFor, ngSwitch
  - Attribute – ngClass, ngStyle, ngModel
- Pipes
- Intro to NodeJS and Express

## DAY 4

- Template-Driven Form handling
- Services
- HTTP request/response
- HttpClientModule
- Production ready project
- Angular Project
  - Creating CRUD Application using nodejs as server and Rest Web Services.