

Development & Training

Web Designing Training Syllabus

Angular Js

Brush up of HTML5

Brush up of CSS3

Introduction to JavaScript/Jquery

- Introduction to Jquery
- Benefits of Jquery
- Document.ready()
- CDN

Introduction to Angular JS

- Features and Benefits of Angular JS
- Extending HTML for Web applications
- Model, View and Controller in perspective of Angular JS
- Angular JS Script and CDN

Directives

- Teaching HTML New Tricks
- Binding Text and Attributes
- Directive Process Life Cycle
- Basic Directives
- Scopes
- Re-usable Directives
- Directives into Components

Expressions

- Expressions are lightweight code snippets
- Expression Capabilities
- Limitation
- Expression and \$eval

Filters

- Standard Filters
- Writing our own Customized Filters
- Tying with filters together

Controllers

- Where Controllers fit in in Angular JS Perspective
- Managing Scope
- Setting up Behaviour
- Building a Controller
- Advanced Controller

Models

- How to create a Model
- Explicit Models
- Implicit Models

Views

- Angular's take on the View: A little bit different
- Tying a View to Controller
- Tying a View to Model

Scopes

- What are Scopes?
- What does scope provide?
- Scope Lifecycle
- Scope as glue between controller and view.

Single Page Application

- Meaning of SPA
- Creating Angular Modules
- Angular Routing Service
- Routing Basics
- Skeleton of SPA Application

Angular Forms

- Angular Forms vs HTML Forms
- Angular Form Controls
- Form Events
- Form Validation

Ajax, Data and Angular

- High Level Interaction with Servers
- Low Level Interaction with \$http
- The Promises API
- Rest API with \$resources

CRUD Operation in AngularJS

- Implementing Crud Operation using Controllers, Scope, Directives, Services.
- Sequence Code Explanation

Real time Project with AngularJS

- Intro to Real Time Project
- Functional Flow Logic Explanation
- Function conversion to Technical Flow Explanation
Sequence Code Explanation