



IT EDUCATION
CENTRE

Angular JS



Introduction of Angular Js

- What is Angular Js?
- Use of Angular JS

MVC Architecture

- Model
- View
- Controller

Conceptual Overview

Angular Js Directives (Inbuilt)

- ng-app
- ng-init
- ng-bind
- ng-model
- ng-controller
- ng-cloak
- ng-disabled

Setting up the Environment

First Application

Understanding module, controller, \$scope

Data Binding in Angular Js

Types of Data Binding

- One Way Data Binding
- Two Way Data Binding
- One time Data Binding

Digest Cycle and Dirty Checking Process

Use of \$watch() and \$apply()

Bootstrapping Process

- ▶ Auto Bootstrap Process
- ▶ Manual Bootstrap Process

Controllers

- ▶ Nested Controllers
- ▶ Multiple Controllers and their Scopes

controllers & \$scope object

Scope Hierarchies - \$rootScope & \$scope

Adding behavior to a scope object (Method, Array, Object, Property)

ng-repeat, nested ng-repeat

ng-if,ng-show,ng-hide

Filters

- Types of inbuilt filter
- Custom Filter

Validation

- ng-valid
- ng-invalid
- ng-dirty
- ng-pristine
- ng-touched
- ng-untouched

Ajax and Communication From Server via http service

Scope Event Propagation or Communication between Controllers via

- \$on
- \$Emit
- \$Broadcast

Custom Directive

- Template
- templateUrl,
- Restrict Keyword in custom directive
- Link Function

Scope of Directive

- Template
- templateUrl,
- Restrict Keyword in custom directive
- Link Function

GitHub

- Creating a Git Account
- Cloning the repository
- Adding the file
- Committing the file
- Git push
- Removing the file