

## Angular Js

### 1. Introduction of Angular Js

- What is Angular Js
- Use of Angular JS

### 2. MVC Architecture

- Model
- View
- Controller

### 3. Conceptual Overview

### 4. Angular Js Directives (Inbuilt)

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

### 5. Setting up the Environment

### 6. First Application

### 7. Understanding module, controller, \$scope

### 8. Data Binding in Angular Js

### 9. Types of Data Binding-

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

### 10. Digest Cycle and Dirty Checking Process

### 11. Use of \$watch() and \$apply()

## 12. Bootstrapping Process

- Auto Bootstrap Process
- Manual Bootstrap Process

## 13. Controllers

- Nested Controllers
- Multiple Controllers and their Scopes

## 14. Programming controllers & \$scope object

## 15. Scope Hierarchies - \$rootScope & \$scope

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

## 17. ng-repeat,nested ng-repeat

## 18. ng-if,ng-show,ng-hide

## 19. Filters

- Types of inbuilt filter
- Custom Filter

## 20. Validation

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

## 21. Services

- Factory
- Services
- Provider

## 22. Inbuilt Services

- \$http
- \$location
- \$log

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- \$timeout
- \$interval

23. Ajax and Communication From Server via http service

24. Fetch data from JSON file

25. Scope Event Propagation or Communication between Controllers via-

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

26. Custom Directive

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

27. Scope of Directive

- Shared
- Inherited
- Isolated

28. Routing and view

29. CRUD Operation

30. Simple SPA

31. Interview Questions

