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|  |  | AngularJS (1.X) (V 1.6.5) |  | |  |
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| SNO | Topic | Description | Duration  (hrs) | | No Of Days |
| 1 | Prerequisites | 1.Introduction to HTML  2.JavaScript Introduction   * Variables (let keyword) * Functions * Named Functions * Anonymous Functions * Classes in JavaScript * JSON | | 8 | 4 |
| 2 | GitHub | Real time environmental setup with GitHub | 4 | | 2 |
| 3 | Automation Tools | 1. Bower 2. Gulp 3. Karma 4. Jasmine 5. Yarn | 6 | | 3 |
| 4 | Introduction to AngularJS | 1. What is AngularJS  2.Advantages Of AngularJS  3.Disadvantages Of AngularJS  4.Key Features of AngularJS 5.Comparision Between AngularJS with Other Frameworks. | 6 hrs | | 3 |
| 5 | Environmental Setup | 1.GitHub  2.CDN 3.Bower  4.WebStrom/Ecilipse/Visual Studio | 2 hrs | | 1 |
| 6 | AngularJS Application | 1.Static Application 2.Dynamic Application | 4 hrs | | 2 |
| 7 | Two Way Data Binding | Sample Applications. | 2 hrs 1 | | |
| 8 | MVC | MVC in AngularJS |
| 9 | Directives | 1.ng-app 2.ng-controller 3.ng-model 4.ng-bind 5.ng-repeat 6.ng-options 7.ng-click 8.ng-dblclick 9.ng-if 10.ng-show 11.ng-hide 12.ng-switch 13.ng-submit 14.ng-include 15.ng-cloak 16.ng-mouseover 17.ng-mouseleave 18.ng-mouseenter | 8 hrs | | 4 |
| 10 | Custom Directives | Properties of Custom Directives | 4 hrs | | 2 |
| 11 | Scopes | $scope,$rootScope | 2 hrs | | 1 |
| 12 | Communication Between Controllers | 1.By using $rootScope 2.By using Services 3.$broadcast 4.$emit | 4 hrs | | 2 |
| 13 | Services | 1.$http 2.$timeout 3.$interval 4.$location 5.$q | 6 hrs | | 3 |
| 14 | Custom Services | Development of Custom Services | 2 hrs | | 1 |
| 15 | Single Page Application | Life cycle of Single Page Application | 2 hrs | | 1 |
| 16 | Routing | 1.ngRoute 2.ui.router | 6 hrs | | 3 |
| 17 | AngularJS Storage | 1.$localStorage 2.$sessionStorage | 2 hrs | | 1 |
| 18 | Bootstrap with AngularJS | AngularJS with Bootstrap | 4 hrs | | 2 |
| 19 | NodeJS | Interacting With NodeJS |
| 20 | Filters | 1.predefined filters  2.custom filters | 2 hrs | | 1 |
| 21 | Validations | 1. Predefined Validations 2. Custom Validations | 2 hrs | | 1 |
| 22 | MongoDB | Interacting with MongoDB | 2 hrs | | 1 |
| 23 | MySQL | Interacting with MySQL | 2 hrs | | 1 |
| 24 | POC | Proof Of Concept | 6 hrs | | 3 |
| 26 | Java Integration | Spring Framework with Angular Framework | 1 hr | | -- |
| 26 | Angular 2 | Introduction to Angular 2 |  | | Daily Discussions |
| 27 | Interview Q&A | Discussion Of Interview Question and Answers |