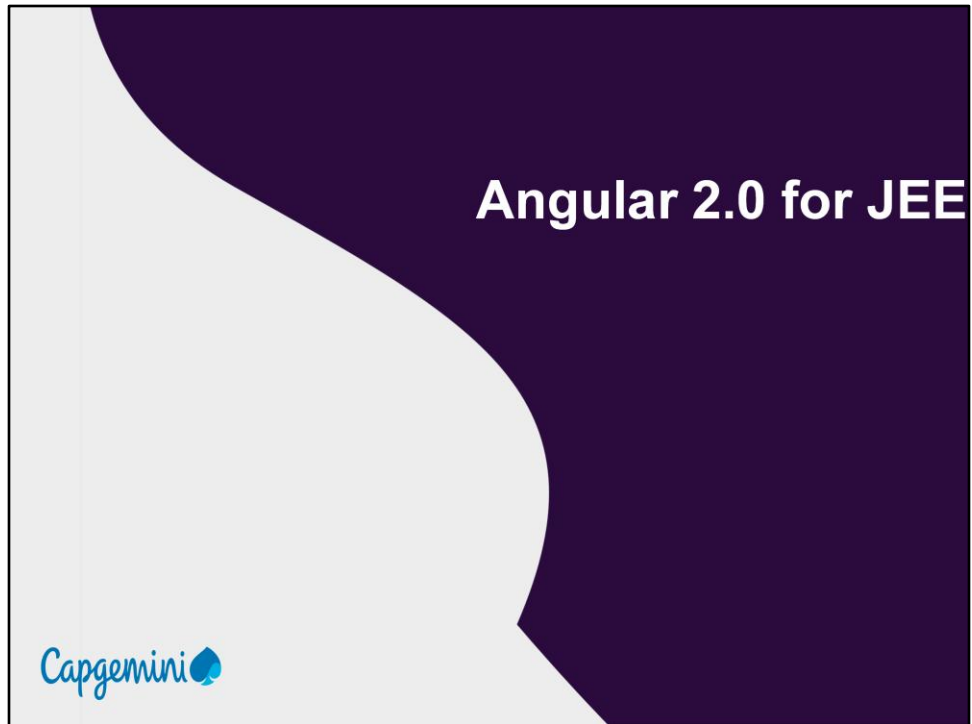


<Course Name>

**Instructor
Notes:**



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Course Goals and Non Goals



Course Goals

- Learning the fundamentals of AngularJS.

Course Non Goals

- Comparison with other MV* frameworks like Backbone.JS, Knockout, EmberJS, Meteor, ExtJS
- Writing unit tests and Integrated end to end test for Angular components



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Pre-requisites



HTML, JavaScript-OOPS & jQuery Basics

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Intended Audience



Web application developers



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Day Wise Schedule



Day 1

- Introduction to Typescript
- Introduction to Angular 2
- Components
- Data Binding

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Day Wise Schedule



- Day 2
- Directives
 - Working with Forms
 - Service and Dependency Injection

- Day 3
- HTTP Client
 - Routing

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Table of Contents



Introduction to Typescript

- Introduction to Typescript
- JavaScript & Typescript
- The type system-Variable, Array
- Defining class and interface
- Arrow Functions
- Template Strings
- Defining a module
- Importing a module
- Generics

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Table of Contents



Introduction to Angular 2

- What is Angular 2?
- Why Angular 2?
- What is nodeJS?
- Scope and Goal of Angular 2
- Installing and using Angular 2
- Building Blocks of an Angular 2 Application
- A Basic Angular 2 Application
- Working with Angular 2 with Eclipse

Components

- What is a component?
- Developing a simple component.
- Templates for a component.
- Component lifecycle

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References



<https://docs.angularjs.org/guide>
<https://docs.angularjs.org/api>



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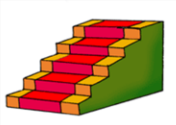
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Next Step Courses (if applicable)



Creating Web application using MEAN (MongoDB, ExpressJS, Angular, NodeJS) Stack

.



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Other Parallel Technology Areas



BackBone Js
Ember Js
Knockout Js

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