
Advanced AngularJS

Duration: 2 Days **Course Code: GK2360**

Overview:

In this course, you will learn the best practices for building and testing AngularJS application through a thorough understanding of the AngularJS internals. You will discover how to use the rich components of Angular-UI to enhance your application and test drive it with Protractor.

Note: You are required to bring your own laptop.

Target Audience:

Experienced web developers with a minimal of six months AngularJS development who want to: Learn more about the AngularJS ecosystem Understand how development tooling like Gulp can make them more productive Both unit test and end to end test their AngularJS application Learn more about the internals of AngularJS Optimize their productivity while building AngularJS applications

Objectives:

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| ■ AngularJS application | ■ AngularJS Internals |
| ■ Root scopes, services, factories, providers, filters, and decorators | ■ End-to-end testing with Protractor |
| ■ AngularJS Patterns | ■ Angular-UI |
| ■ Building AngularJS applications with NPM and CommonJS | |
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Prerequisites:

- Experience with AngularJS, JavaScript, and web technologies

Testing and Certification

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Content:

Day 1	AngularJS is no exception here. The AngularJS dependency injection functionality will	Unit testing your code is important but with unit testing it is easy to create lots of units
Root scopes, services, factories, providers, filters and decorators	inject dependencies it knows about but will not load them for you. There are different	that all pass their individual tests yet fail to work together. In this module you will learn
There are many ways functionality and data can be shared between different parts of an	ways to load these dependencies and using CommonJS with NPM packages is a very	how to use Protractor to test your application by driving the browser. Testing the
AngularJS application. In this module you will learn about the different options and the	■ elegant and effective way of doing this.	complete application logic as well as the actual user interface will help you create much
pros and cons of each of them.	Day 2	
AngularJS Patterns	AngularJS Internals	more reliable applications.
When building AngularJS applications you will be faced with many choices. For example	Getting started with AngularJS is relatively easy and requires little knowledge of the	Angular-UI
when to use a service or a factory, where to do validation or when to use the routing	AngularJS internals. However when creating larger applications having a good	Angular-UI is described as the companion suite to the AngularJS framework. Besides
module resolve option versus dependency injection. In this module we will take a closer	understanding of the AngularJS internals is important. Without this knowledge it's easy to	containing a number of useful lower level utilities Angular-UI also consist of a number of
look at some of these choices and explore the pros and cons of the different options.	do things that might work in small applications but would result in a very slow or hard to	UI widgets that will greatly enhance your productivity when developing applications with
Building AngularJS applications with NPM and CommonJS	maintain larger application. In this module you will learn more about the internals of	AngularJS. Another popular part of this suite of tools is the integration between
Managing dependencies is always a concern with any JavaScript application and	AngularJS and gain more insight into why some things work the way they do.	AngularJS and the popular Bootstrap CSS framework and its UI widgets. In this module
	End 2 End testing with Protractor	■ we will explore these widgets and see some of their benefits.

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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