



# ANGULAR BOOTCAMP

KEYHOLE SOFTWARE COURSE

## COURSE DESCRIPTION

This immersive course is conducted through the process of building a web application from the ground up, beginning with the basic configuration needed to develop and run an Angular CLI-based application. It's designed to teach developers the fundamentals of Angular: key concepts, features, components, architecture, and syntax.



Keyhole Software is a software development and consulting firm. Our expert employee consultants excel as development "change agents," helping our clients to be successful with software technologies and approaches like React, blockchain, Microservices, Java, JavaScript, and .NET.

## CONTACT

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Keyhole's Angular Bootcamp is a hands-on, custom course for individual software developers and enterprise development teams. Students are immersed in the features and capabilities of Angular (latest version) in an effort to promote understanding and best practices.

This is not simply an Angular lecture - it's a hands-on lab including the implementation of a real Angular application. This course is offered in various time increments including Thirteen One-Hour Sessions, Six Half-Day Sessions, or Three Full Day Sessions. Intermediate to advanced experience with JavaScript is necessary to complete this course.

## COURSE TOPICS

### BOOTSTRAPPING

- Architecture Overview
- Modules
- Platform Bootstrapping
- Components

### VIEW COMPONENTS

- Templates
- Components
- Template Expressions
- Directives

### DEPENDENCY INJECTION

- Service
- Injection Providers
- @Injectable

### HTTP/RXJS

- HttpClient
- RxJS - Reactive Extensions for JS
- Lifecycle Hooks

### BINDING

- Property Binding
- Event Binding
- Two-Way Binding

### ROUTING & NAVIGATION

- Router Configuration
- RouterOutlet
- Navigation
- Accessing Route Parameters

### SIMPLE FORMS

- Two-Way Binding
- Template Reference Variables
- Form Validation

### REACTIVE FORMS

- Reactive Forms Module
- Reactive Forms Template
- Reactive Forms Component

### TESTING

- Jasmine
- Karma
- Angular Testing Utilities
- Setup

### ALSO INCLUDED

- Feature Modules
- Input Properties
- Output Properties
- Route Guards: Resolve

## COURSE STRUCTURE

### MINIMIZING IMPACT ON CURRENT PROJECTS

This course is given online via video conference or on-site at your location. The course includes individual hands-on exercises to strengthen understanding of course topics. The course is taught by experts in JavaScript, so advanced Q&A is included.

### MORE INFORMATION & PRICING

Please visit <https://keyholelearningservices.com> for more information. To schedule this course, please contact Keyhole Software.