

# Angular and Firebase Tutorial

This intermediate Angular and Firebase tutorial prepares software developers to use Angular and Firebase to track analytics and fix crashes. Combining Angular with Firebase is only logical if you're already using one of them or want to code better, more stable apps. This course walks you through how to build an application in Angular using Firebase as the back-end to your development and maintenance.

[CBT Nuggets course material](#) →

## WEEK 1

### Firebase Auth Basics with Angular

157 min.

Introduction	1
What is Firebase Auth?	15
Add Firebase Auth to Angular	9
Create Login and Home Pages	10
Log In and Log Out	9

### Account Creation and Error Handling in Firebase

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Protect Pages from Unauthed Users	17
Auth Error Handling	12
Create New Accounts	15

### Firebase Auth In Full-Stack Angular Apps

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Back-end Firebase Setup	20
Display Firebase Auth User Data	13
Store Extra User Data	12

### MEAN Stack Endpoint Security with Firebase Auth

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Send and Verify Firebase Auth Tokens	15

## WEEK 2

162 min.

Create an Edit Info Page	11
Create Services for Auth Logic	20

### Add Firebase Auth to Existing Angular Apps

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Basic Front-end Setup	9
Add a Login Page	8
Add a Create Account Page	19
Encapsulate Firebase Auth in a Service	20

### Use Firebase Auth to Support Multiple Users

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Protect Application Pages	8
Rethink Data Structure to Support Multiple Users	13
Load User Data and Allow Logging Out	11
Use the User's ID in Server Requests	14

### Create and Delete Users In Existing MEAN Stack Apps

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Create New Users from the Front-end	20

## WEEK 3

**132 min.**

Rethinking Our Create-Account Strategy	8
Create New Users from the Back-end	13
Delete User Accounts	9

### Add Endpoint Security to Existing MEAN Stack Apps

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Endpoint Security Basics	10
Protect GET Endpoints	20
Protect Endpoints with Express Middleware	18

### MEAN Stack Firebase Auth Best-Practices

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Make Authed Requests Automatically	15
Automatic Auth with POST, PUT, and DELETE Requests	18