



ASP.NET Core MVC

Course ID #: 7000-632-ZZ-Z

Hours: 35

Course Content

Course Description:

In this course, you will cover how to use the ASP.NET Core platform to develop MVC web apps. Whether you're new to web development or whether you have experience with another web development platform, this will be a great course for you!

Prerequisites:

None.

Target Audience:

This course is for anyone who knows the basics of HTML/CSS and C# and wants to learn how to use the ASP.NET Core platform to develop MVC web apps.

Topics:

Lesson 1: Get Off to a Fast Start

- An introduction to web programming with ASP.NET Core MVC
- How to develop a single-page MVC web app
- How to make a web app responsive with Bootstrap
- How to develop a data-driven MVC web app
- How to manually test and debug an ASP.NET Core web app

Lesson 2: Master the Essential Skills

- How to work with controllers and routing
- How to work with Razor views
- How to transfer data from controllers
- How to work with session state and cookies
- How to work with model binding
- How to validate data
- How to use EF Core
- The Bookstore website

Lesson 3: Add More Skills as You Need Them

- How to use dependency injection and unit testing
- How to create tag helpers, partial views, and view components
- How to authenticate and authorize users
- How to use Visual Studio Code

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