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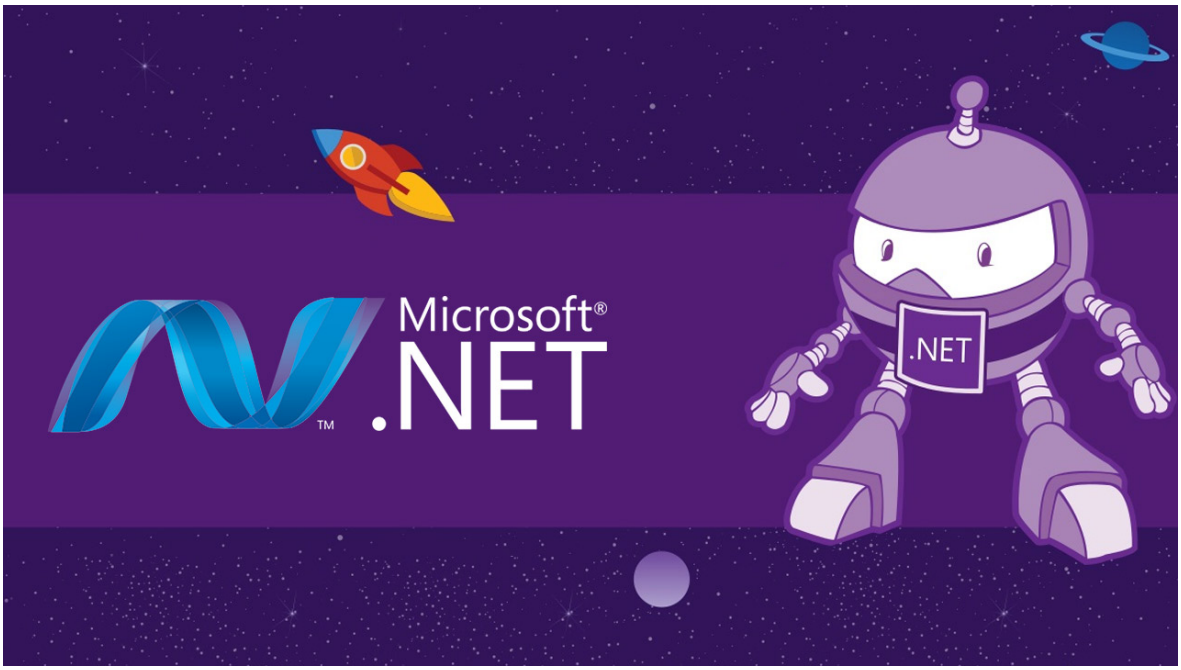
Learning Style: On Demand

Technology:

Difficulty: Intermediate

Course Duration: 5 Hours

Exploring ASP .NET Core: Intermediate



About this Course:

The Exploring ASP.NET Core: Intermediate course is a part of the ASP .NET Core Framework Training Series. This intermediate-level course is specifically designed for professionals striving to learn the key concepts and functionalities of ASP .NET Core. The primary objective of this training series is to help professionals develop proficiency in building and creating web applications with the help of ASP .NET Core.

This course helps professionals get to learn the fundamentals of Tag Helpers and understand the structure of Middleware. Professionals also learn the art of resolving & registering application services with Dependency Injection (DI). Furthermore, this course strives to help candidates learn the significance of Entity Framework Core and proficiently perform Database Migrations. Professionals sharing proficiency in

ASP. NET Development can successfully secure reputable jobs and earns $92,314 annually.

Course Objectives:

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following key concepts:

- Structure of Middleware and ASP .NET Core
- Tag Helpers Components and Key Functionalities
- Customized Development of Tag Helpers and Middleware
- Resolving and Registering Application Services Using Dependency Injection (DI)
- Fundamentals of Entity Framework Essentials
- View Components Description

Audience:

This course is specifically tailored for the following group of professionals and interested candidates:

- Entry-Level and Experienced .NET Developers
- Junior & Senior Developers
- Professionals striving to gain knowledge about the .NET Framework Features

Prerequisites:

Professionals planning to enroll in the Exploring ASP .NET Core: Intermediate course must have previously undertaken and completed the Exploring ASP .NET Core: Fundamentals course. Both these courses are closely linked with one another and are specifically designed to complement one another.

Course Outline:

Chapter 01: ASP.NET Core Structure and Middleware

- **Topic A: Structure of ASP.NET Core - Part 1**
- Structure of ASP.NET Core - Part 2
- Structure of ASP.NET Core - Part 3
- **Topic B: ASP.NET Core Code Demo - Part 1**
- ASP.NET Core Code Demo - Part 2
- ASP.NET Core Code Demo - Part 3
- **Topic C: Application Startup Services and Middleware - Part 1**
- Application Startup Services and Middleware - Part 2
- Application Startup Services and Middleware - Part 3
- **Topic D: Middleware - Part 1**
- Middleware - Part 2
- Middleware - Part 3

Chapter 02: Dependency Injection and Tag Helpers

- **Topic A: Dependency Injection - Part 1**
- Dependency Injection - Part 2
- Dependency Injection - Part 3
- **Topic B: Dependency Injection Lifetimes - Part 1**
- Dependency Injection Lifetimes - Part 2
- Dependency Injection Lifetimes - Part 3
- **Topic C: Introduction to Tag Helpers - Part 1**
- Introduction to Tag Helpers - Part 2
- Introduction to Tag Helpers - Part 3
- **Topic D: Tag Helper Scope and Demo - Part 1**
- Tag Helper Scope and Demo - Part 2
- Tag Helper Scope and Demo - Part 3
- **Topic E: Using Tag Helpers with Forms - Part 1**
- Using Tag Helpers with Forms - Part 2
- Using Tag Helpers with Forms - Part 3
- **Topic F: Building Custom Tag Helpers - Part 1**
- Building Custom Tag Helpers - Part 2
- Building Custom Tag Helpers - Part 3

Chapter 03: Working with View Components

- **Topic A: Introduction to View Components - Part 1**
- Introduction to View Components - Part 2
- Introduction to View Components - Part 3
- **Topic B: View Component Demo - Part 1**
- View Component Demo - Part 2
- View Component Demo - Part 3
- **Topic C: Building with Entity Framework Core - Part 1**
- Building with Entity Framework Core - Part 2
- Building with Entity Framework Core - Part 3
- **Topic D: Building a View Component - Part 1**
- Building a View Component - Part 2
- Building a View Component - Part 3

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