



*Training Course:
ASP.NET Core*

*9 - 20 September 2024
Kigali (Rwanda)*

Training Course: ASP.NET Core

Training Course code: IT234881 From: 9 - 20 September 2024 Venue: Kigali (Rwanda) - Training Course Fees: 10470 € Euro

Introduction

In this Training program, you will be learning by project method enables you to build practical/coding experience that sticks. 95% of project method learners say they have confidence and remember more when they learn by building real-world projects which are required to work in real life.

The ASP.NET Core training is primarily designed for .NET Beginners/Professionals who want to learn how to develop a modern cloud-based app using ASP.NET Core . In this course, you will learn about .NET Core, middleware, MVC patterns, HTML helpers, tag helpers, custom helpers, validation and custom validation, and querying database using Entity Framework Core.

At the end of this training program, you will learn:

- Set up and build projects using Clean Architecture.
- Decouples Application modules using Dependency Injection.
- Integrate RazorPay/Paypal payment gateway.
- Implement a Repository pattern to perform database operations.
- Build a responsive UI using Bootstrap
- Implement Errors logging and save into Database, File system, etc.
- Optimize web pages to boost-up performance.
- Implement Login/Signup workflow using ASP.NET Core Identity.
- Implement Authentication/Authorization for unauthorized access.
- Implement ASP.NET Core best practices.
- Deployment project to cloud or IIS

Training Outlines

Day 1:

- Understand .NET Core architecture and Advantages
- Build and run cross-platform ASP.NET apps on Windows, Mac, and Linux

Day 2:

- Understand ASP.NET Core middleware
- Configure ASP.NET Core MVC

Day 3:

- Use Dependency Injection in ASP.NET Core
- Work with Entity Framework Core

Day 4:

- Handle Errors in ASP.NET Core
- Create REST Service using Web API

Day 5:

- Understand and Implement Repository, Unit of Work and Dependency Injection Design Pattern
- Publish their Apps on IIS

Day 6:

- Implement clean architecture
- Repository Design Pattern
- Mobile-first UI using Bootstrap

Day 7:

- Implementing Security using Identity
- Error Logging using Serilog
- Integrate RazorPay payment gateway

Day 8:

- Web API Core
- Advanced ASP.NET Core

Day 9:

- Project Deployment

Day 10:

- Full discussion
- Full revision
- Certificates

Registration form on the Training Course: ASP.NET Core

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