



*Training Course:  
ASP.NET Core*

*23 February - 6 March 2025*

*Cairo (Egypt)*

*Holiday Inn & Suites Cairo Maadi, an IHG Hotel*

## Training Course: ASP.NET Core

Training Course code: IT234881 From: 23 February - 6 March 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 6000 € 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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Position: .....

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### Company Information

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### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....

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### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
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