

ASP.NET Core Development Course (240 Hours)

ASP.NET Core is an open source version of ASP.NET distributed by Microsoft for many years. ASP.NET Core provides a platform-independent, high-performance, open-source application development infrastructure for building modern, cloud-based, internet-connected applications. Cross-Platform, that is, platform-independent web applications can be developed with .NET Core and can run on Windows, macOS, Linux operating systems. As it is open source, the development of ASP.NET Core is open to the communities.

Why This Education?

- The goal in Open Source Development with .NET Core software training is to teach the technology of Microsoft's .NET Core library, which aims to develop applications on every platform, and to enable participants to create powerful software architectures.
- It is aimed to develop performance and platform-independent applications by effectively using ASP.NET Core language published by Microsoft and which is at the top of many software developer surveys.
- Participants will master basic and advanced software development processes with the .NET Core technology developed by Microsoft, the most prominent feature of which is performance and Cross-Platform independence. With .NET Core, they will have the knowledge and equipment to develop various applications for Windows, macOS and Linux platforms.

Who is this course for?

This course is for people who are willing to

- Develop platform and operating system independent applications and open source applications.
- Take NET knowledge to the next level.
- Develop web applications,
- Who want to work with different database systems such as MSSQL, MongoDB, PostgreSQL.

Educational content

- Introduction to Programming with Microsoft .NET
- ASP.NET Core MVC Overview
- Web Applications with ASP.NET Core MVC
- ASP.NET Core Middleware and Service
- ASP.NET Core Controller, View, Model
- ASP.NET Core Entity Framework Core
- .NET Core with Data Source
- Layout, CSS and JavaScript in ASP.NET Core MVC
- Client-Side Application Development
- Testing and Troubleshooting
- Security, Performance and Communication
- Web APIs Implementation
- Hosting and Deployment