

OpenShift Container Deployment

Audience Course ASP.NET Core Web API

The course ASP.NET Core Web API is intended for Web Developers who want to understand and develop REST APIs with ASP.NET Core.

Prerequisites Course ASP.NET Core Web API

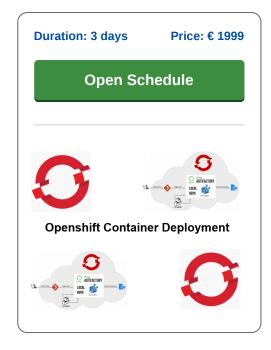
To participate in this course, knowledge of Web Protocols such as HTTP and HTTPS is desirable and knowledge of the fundamentals of C# is required.

Realization Training ASP.NET Core Web API

The course alternates between theory and practice. Explanations using slides and demos are followed by practical exercises.

Certificate ASP.NET Core Web API

After successfully completing the course, the attendants will receive a certificate of participation in ASP.NET Core Web API.



Content Course OpenShift Container Deployment

In the course OpenShift Container Deployment participants get comprehensive training in deploying and managing containerized applications using the OpenShift container platform. Participants learn container orchestration, application scaling and deployment strategies in a scalable and efficient manner. The course covers topics such as Kubernetes fundamentals, building container images, and deploying applications on OpenShift clusters.



Modules Course OpenShift Container Deployment

Module 1 : Intro to ASP.NET	Module 2 : ASP.NET UI	Module 3 : Validation Controls
Overview of ASP.NET	Uniform Page Layout	Introducing Validation Controls
HTML Controls	Devising Site Templates	Validation Requirements
Web From Server Controls	Controls on Master Pages	RequiredFieldValidator Control
How Web Forms Work	Implementing ASP.NET Menu	RangeValidator Control
IIS Objects	TreeView and SiteMapPath	RegEx Syntax
Creating User Controls	Defining Structure using SiteMaps	RegularExpressionValidator
Web Forms with Controls	Dynamically Moving between Pages	CustomValidator Control
Developing with Visual Studio	Themes with CSS and Skins	ValidationSummary Control
Debugging	Styling Controls with Skins	CompareValidatorControl
Module 4 : ADO.NET	Module 5 : State Management	Module 6 : Entity Framework
ADO.NET Intro	Investigating State Management	Reporting with Entities
Introducing DataReader	Using Session Object	Filtering Data
Retrieving DataSets Generically	Using Cookies	Dynamically Cached Data
Working with Relations	ViewState Property	Binding Entity Framework
ADO.NET Connections	Cookieless Sessions	Entity DataSource
Connection Information	ASP.NET State Service	Dynamically Generating Queries
Connection Objects	SQL Server State Management	Query Extender
Updating Command Objects	What's Changed from ASP	Selecting and Sorting with LINQ