



ASP.NET MVC



ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

Diploma in Certified Ms.Net ASP
MVC Web Application Developer

*Become a job-ready ASP MVC Developer in 6
months!*

Benefits of Studying Diploma in Ms.Net ASP MVC with RolaSoft

✓ 1. Industry-Relevant Curriculum

Stay ahead with a syllabus designed by industry experts, focused on real-world applications of ASP.

✓ 2. Hands-On Training

Learn by doing — build real-time projects, develop applications, and gain practical coding experience.

✓ 3. Experienced Instructors

Gain insights from certified professionals and senior software engineers with years of teaching and industry experience.

✓ 4. Placement Assistance

Access job support services including resume building, mock interviews, and direct placement opportunities with partner companies.

✓ 5. Flexible Learning Modes

Choose between: **Online**, **Offline (at our center)**, or **Hybrid Classes**

Benefits of Studying Diploma in Ms.Net ASP MVC with RolaSoft

✓ 6. Mini & Major Projects

Work on individual and group projects to strengthen your portfolio and impress future employers.

✓ 7. Certification Upon Completion

Earn a **Diploma Certificate** from **RolaSoft Technologies**, recognized by IT recruiters and employers.

✓ 8. Small Batch Size

Personalized attention and better interaction in small groups for an enhanced learning experience.

✓ 9. Affordable Fees & Installment Plans

Top-tier training at a reasonable cost, with flexible payment options.

✓ 10. Career-Oriented Skills You'll Gain at RolaSoft Technologies

RolaSoft ensures you're job-ready with the right tech stack and practical knowledge.

Diploma in Certified Ms.Net ASP MVC Course Details



Duration

Six (6) Months



Schedule

Weekdays / Weekends



Learning Modes

Online, Offline (at our center), or Hybrid Classes



Start Date

New batches start every month — enroll now!



Eligibility

No prior experience required

Certified Ms.Net ASP MVC Prerequisites

- ✓ Basic knowledge of mathematics and logical reasoning
- ✓ No prior programming experience is required, but familiarity with computers is helpful
- ✓ Familiarity with OOP concepts, databases, and web technologies
- ✓ Experience with basic HTML, CSS, and JavaScript is a plus

Certified Ms.Net ASP MVC – Program Details

Program Overview

This 6-month **MS.NET C# with ASP.NET MVC Course** by *Rolasoft Technologies* is a hands-on, career-focused training program designed to help students and professionals become proficient in C# programming, web development with ASP.NET MVC, and backend integration using ADO.NET and Entity Framework.

Starting from the basics of C# and OOP, learners progress to real-world MVC architecture, Razor views, controllers, models, data access, authentication, and deployment. By the end of the course, students will be ready to build and deploy secure, scalable, database-driven web applications.

Diploma in Certified Ms.Net ASP MVC Course Curriculum

Month 1: C# Fundamentals & Programming Basics

- ✓ Introduction to .NET Framework and CLR
- ✓ Installing Visual Studio IDE and Writing your first C# Program
- ✓ Data Types, Variables, Constants
- ✓ Operators and Expressions
- ✓ Conditional Statements (if, switch)
- ✓ Loops (for, while, do-while, foreach) & Methods and parameters
- ✓ Input/Output Operations (Console)

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Month 2: OOP & Advanced C# Concepts

- ✓ Object-Oriented Programming in C#
(Classes, Objects, and Constructors, Inheritance and Polymorphism, Encapsulation and Abstraction, Interfaces and Abstract Classes)
- ✓ Exception Handling
- ✓ Collections (List, Dictionary, etc.)
- ✓ Delegates, Events, and Lambda Expressions
- ✓ Generics
- ✓ File I/O operations

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Month 3: ADO.NET & Database Programming

- ✓ Introduction to ADO.NET
- ✓ Connecting C# applications with SQL Server
- ✓ Command objects and stored procedures
- ✓ DataReader, DataAdapter, and DataSet
- ✓ CRUD operations
- ✓ Parameterized queries
- ✓ Error handling in database operations

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Month 4: ASP.NET MVC Architecture

- ✓ Introduction to ASP.NET MVC
- ✓ MVC vs Web Forms
- ✓ Creating your first MVC project
- ✓ Understanding Models, Views, Controllers
- ✓ Razor View Engine
- ✓ Routing and URL mapping
- ✓ ViewData, ViewBag, and TempData

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- ✓ Layout pages and partial views
- ✓ Strongly typed views

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Month 5: Data Access, Forms & Validation

- ✓ Form Handling in MVC
- ✓ HTML Helpers and Tag Helpers
- ✓ Client-side vs Server-side validation
- ✓ Data Annotations & Entity Framework Introduction
- ✓ Code First and Database First approaches
- ✓ LINQ with Entity Framework
- ✓ Model Binding and Scaffolding

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Month 6: Security

- ✓ Authentication and Authorization in MVC
- ✓ Identity Framework (Intro)
- ✓ Role-based access control
- ✓ Custom Error Pages and Logging
- ✓ Consuming Web APIs

Tools & Technologies Used

Tools & Technologies Used for **Certified Ms.Net ASP MVC Course** are:

- ✓ C# Programming Language
- ✓ ASP.NET MVC Framework
- ✓ .NET 6 / .NET Core
- ✓ Visual Studio 2022 or later
- ✓ SQL Server / SSMS
- ✓ ADO.NET & Entity Framework
- ✓ HTML, CSS, JavaScript (basics)
- ✓ IIS / Localhost

Final Capstone Project (End of 6 Months)

Students will complete an **industry-level project** in **Certified Ms.Net ASP MVC** :

- ☒ Full MVC Web Application with Database

Certified Ms.Net ASP MVC Learning Outcomes

By the end of this course, students will be able to:

- ✓ Master the fundamentals of C# and OOP
- ✓ Understand and use the MVC architecture to build web apps
- ✓ Perform data operations using ADO.NET and Entity Framework
- ✓ Implement web forms, validation, authentication, and session management
- ✓ Build and deploy end-to-end web applications using .NET technologies
- ✓ Be prepared for junior to mid-level .NET Developer roles

Certification Obtain

After completion of the program, the student will be awarded with a certificate:

Diploma in Certified Ms.Net ASP MVC Web Application Developer

The program also prepares students for industry certifications such as:

- ✓ Microsoft Certified: Azure Developer Associate (AZ-204)
- ✓ Microsoft Certified: .NET Developer (Coming 2025)

Certified Ms.Net ASP MVC Career Opportunities

- ✓ Junior ASP.NET MVC Developer
- ✓ ASP.NET MVC Developer / Software Engineer
- ✓ Senior ASP.NET MVC Developer
- ✓ Full Stack .NET Developer
- ✓ Software Engineer – .NET Enterprise Applications
- ✓ Solution Architect – Microsoft Stack
- ✓ Technical Lead / Engineering Manager (.NET)
- ✓ Software Architect (.NET)

Who Should Take This Certified Ms.Net ASP MVC ?

Who Should Take This **Certified Ms.Net ASP MVC**?

- ✓ Aspiring web developers
- ✓ Computer science students
- ✓ IT professionals transitioning into enterprise application development
- ✓ Tech Enthusiasts
- ✓ Professionals Upskilling in **Ms.Net C#**
- ✓ Aspiring Software Developers
- ✓ Job seekers aiming for full-stack .NET developer roles

Rolasoft Technologies Services

Rolasoft Technologies – Services Offered

✓ **SOFTWARE DEVELOPMENT COMPANY**

(MOBILE APPLICATION, WEB APPLICATION, DESKTOP APPLICATION, CUSTOMIZED APPLICATION, E-COMMERCE WEBSITE)

✓ **PROFESSIONAL COMPUTER AND IT EDUCATION**

(TOP-UP PROGRAMS, DIPLOMA PROGRAMS, CERTIFICATE PROGRAMS, TECH @ SCHOOL, CORPORATE PROGRAMS, SIWES PROGRAMS, CUSTOMIZED PROGRAMS)

✓ **DIGITAL ADVERTISING AND BUSINESS BRANDING**

(SOCIAL MEDIA MARKETING, EMAIL MARKETING, CONTENT MARKETING, WEBSITE SEO, BRANDED CLOTHING, STICKERS AND TAG, CUSTOM BRANDING, AND MANY MORE)

✓ **INTERNATIONAL UNIVERSITY ADMISSION PROCESSING**

(AMERICA, UK, CANADA, EUROPE, AFRICA, AND MANY MORE)

Contact & Registration

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 **Enroll Today & Start Your Ms.Net ASP MVC Journey!**

Code your future with Ms.Net ASP MVC.