



3 Months Certification Course

Syllabus 2026

.NET APIs

Prepared By:
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This DotNet APIs program is designed to provide complete practical knowledge of online and offline design tools and strategies. Students will learn how to write APIs code in DotNet, Implement APIs in code and build successful online careers.

PROGRAM IS BEST SUITED FOR



Entrepreneurs



College Students



Marketing Professionals



Job Seekers

WHY YOU SHOULD LEARN (.NET APIs)

Key Reasons to Learn .NET API Writing and Implementation:

- **Versatile and Cross-Platform:** With the modern, unified .NET, you can build many different types of applications, including web apps (ASP.NET Core), mobile apps (.NET MAUI), desktop software (WinForms, WPF), cloud-native services (Azure integration), games (Unity engine)
- **High Performance and Scalability:** .NET is known for being fast and efficient, consistently ranking well in performance benchmarks.
- **Active Community and Microsoft Support:** The platform is backed by Microsoft's significant investment and a large, active, and global open-source community.

You should learn .NET because it is a **versatile, high-performance, and widely adopted platform** that offers strong career opportunities and a comprehensive ecosystem supported by Microsoft and a large open-source community. It allows you to build a vast range of applications across different platforms.

Module 1 – ASP.NET Core API

- Introduction to REST APIs
- Controllers
- Routing
- Model Binding

Module 2 – Database Integration

- SQL Server Basics
- Tables and Relationships
- CRUD Operations
- Stored Procedures

Module 3 – Entity Framework Core

- Code First Approach
- Migrations
- LINQ Queries

Module 4 – API Security

- JWT Authentication
- Role Based Authorization

Project:

E-Commerce Backend API



Certificate

Upon completing this Certification course, you will receive a program completion certificate from Tech Engineer, Mohali (Pb). This certificate will testify to your skills as an expert in the completed course.

Contact Us

Visit Our HQ

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