

ASP.NET Core Web API

ASP.NET Web API

- Introduction to SOA
- Introduction to REST
- REST Principles
- Understanding ASP.NET Web API
- Choosing between WCF and WebAPI

ASP.NET Core Web API Controller & Actions

- Understanding Controller & Actions
- Creating Controller
- Creating Actions

Database Operations and Postman

- CRUD Operations using Web API
- Using Postman for testing Web API
- Consuming Web API using ASP.NET Core

Advanced Web API

- Implementing Content Negotiation
- Parameters binding
- Web API Versioning
- Securing WebAPI

Architecture and Design Patterns

Project Architecture

- Understanding Need of Project Architecture
- Project Architecture Overview
- Clean Architecture
- Layer Architecture

Design Patterns: Repository and Unit of Work

- Understanding Repository and UOW Design Pattern
- Need of Repository Design Pattern
- Need to Unit of Work Design Pattern
- Implementing Repository and UOF Design Pattern

Dependency Injection

- Understanding Dependency Injection
- Need of Dependency Injection
- Implementing DI

ASP.NET Core Best Practices

- Implementing Bundling and Minifications
- Compress Response Size
- Error Logging
- Implementing Caching