

ASP.NET CORE 6 Microservices, Part 2 of 9: Product API Models

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Meet the expert: I have a master's of science degree in computer science, and a bachelor of Computer Engineering. I also have many years of experience with .NET, C#, and .NET MVC. I enjoy teaching along with my full-time job.

Prerequisites: Basic understanding of .NET Core CRUD Operations
Entity Framework Core
Basic API Creation and Consumption

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Course description: Microservices make it easier to develop, test, and deploy isolated parts of your application. Once deployed, each microservice can be independently scaled as needed. In this course Microservices will be used to build a real world application, and focus on creating Product API's

Course outline:

Create DTOs inside Product API

- Introduction
- Get Started
- Create DTO's inside Product API
- Product Repository Interface
- AutoMapper Configuration in Product API
- Product Repository Implementation Part 1
- Product Repository Implementation Part 2
- Summary

ProductAPI Controller HTTPGET

- Introduction
- ProductAPI Controller HTTPGET
- ProductAPI Controller POST - PUT - DELETE
- Seed Products in ProductAPI
- Azure Storage Explorer for Images
- Summary

Product Repository Interface and DTOS

- Introduction
- Product Repository Interface and DTOS
- Interface and API Request Model
- Base Service Implementation
- Summary

Product Service in Mango Web Project

- Introduction
- Product Service in Mango Web Project
- Configure ProductService and HttpClient
- Bootstrap V5
- Summary