

# ASP.NET Core 6

# Clean Architecture

## Course Introduction



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# Overview

**A solid architecture for ASP.NET Core 6 applications at GloboTicket**

**What you need to know before starting**

**Looking at the finished application**



## Version Check



**This course was created by using:**

- ASP.NET Core 6
- Visual Studio 2022



## Version Check



**This course is 100% applicable to:**

- ASP.NET Core 6 and ASP.NET Core 7
- Visual Studio 2022 (any edition)

**Most code will work fine with older versions of C# and .NET**

- We focus on concepts in this course!





# A Solid Architecture for ASP.NET Core 6 Applications at GloboTicket

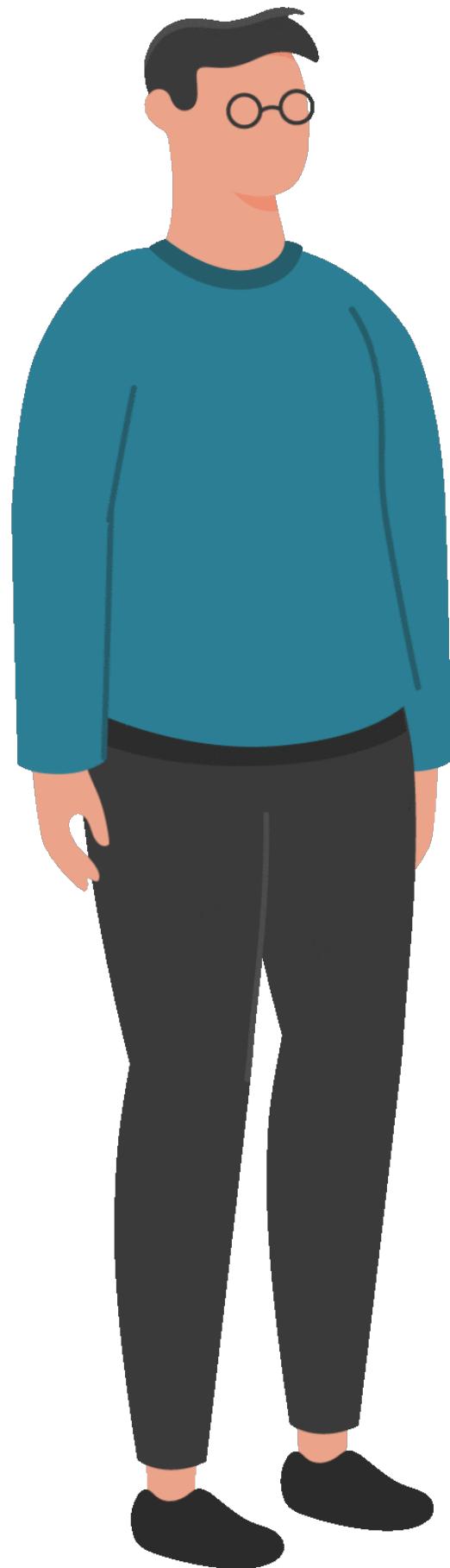




# LOBOTICKET

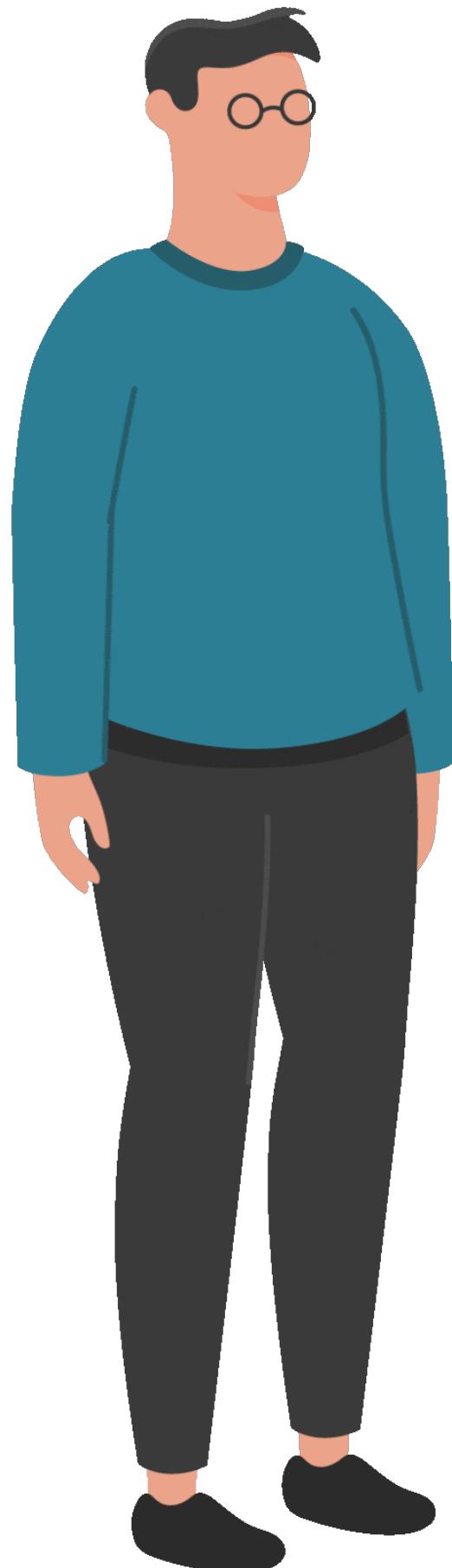
A Globomantics Company





**“Hello, I’m Bob T. Hickett,  
IT Manager at GloboTicket.”**





**“Our development team is skilled but their knowledge is somewhat outdated.**

**Most of the currently used applications are built with older .NET technologies.”**





**“We want to build a new system based on a modern, cloud-ready technology stack and still using our .NET knowledge.”**



**“Hello! I’m Bethany Smith,  
team lead at GloboTicket.”**



**“To update the knowledge of our team,  
we have followed an  
ASP.NET Core 6 training, followed  
several Pluralsight courses  
and attended a few conferences.**

**The team know feels confident  
about .NET 6 and ASP.NET Core 6.**

**We want to get started!”**



**“But... How do we set up this new system?**

**How do the different pieces  
of the puzzle fit together?**

**And what are the best practices?”**



**This course will teach you  
how to set up an  
architecture for  
ASP.NET Core 6 projects.**





# Architectural Principles

Based on Clean Architecture



# Requirements for the New Architecture

**Clean architecture with  
ASP.NET Core**

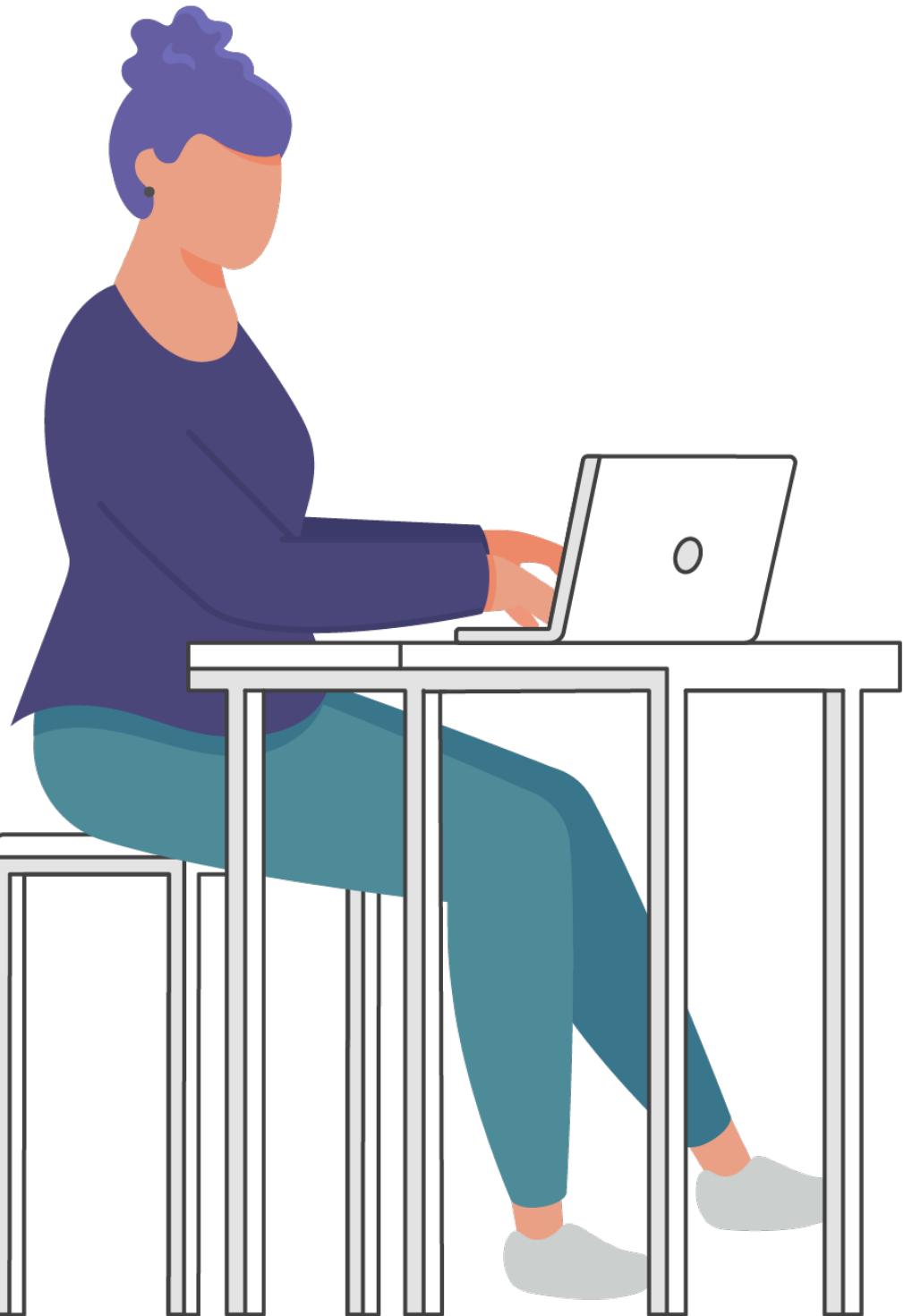
**Best practices**

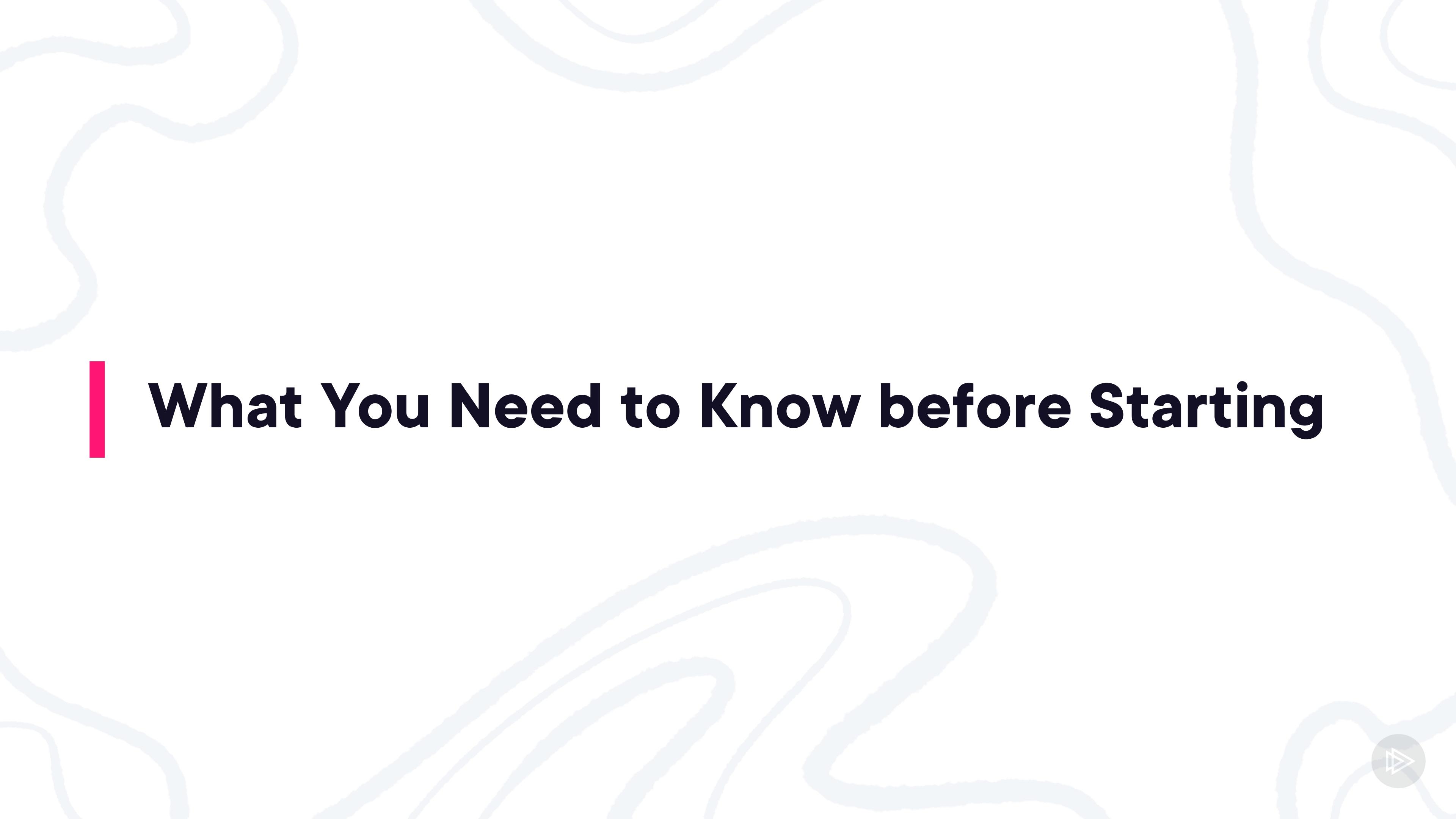
**Common packages**

**Testable and maintainable**



**“We look forward using this  
new architecture for our new projects.”**





# **What You Need to Know before Starting**



# What I Assume You Know

C#

**ASP.NET Core 6 and EF Core 6**

**REST APIs with ASP.NET Core**

**Optionally: Blazor**

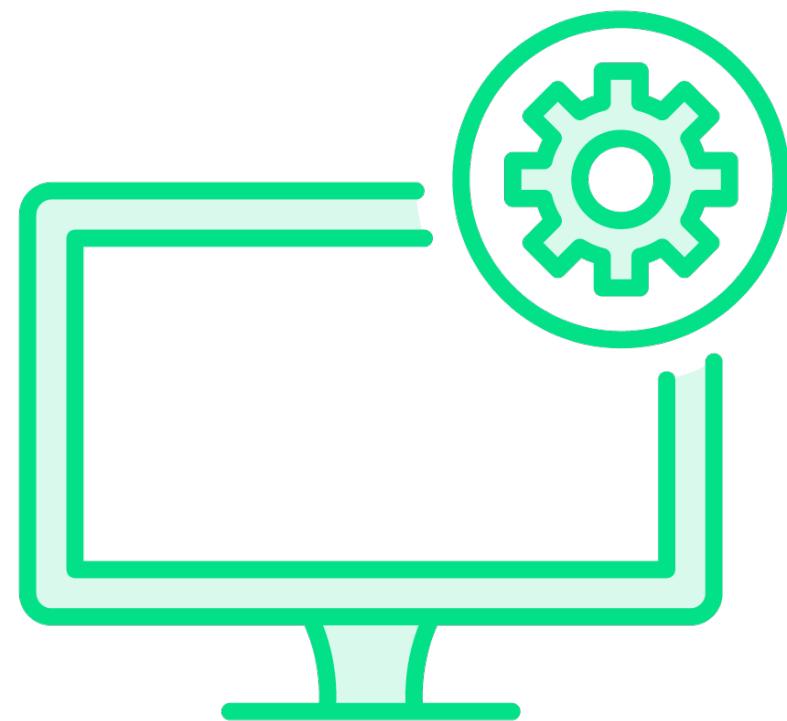


# Downloads for This Course

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# What You Need to Have Installed



**Visual Studio 2022**  
**.NET 6 SDK**

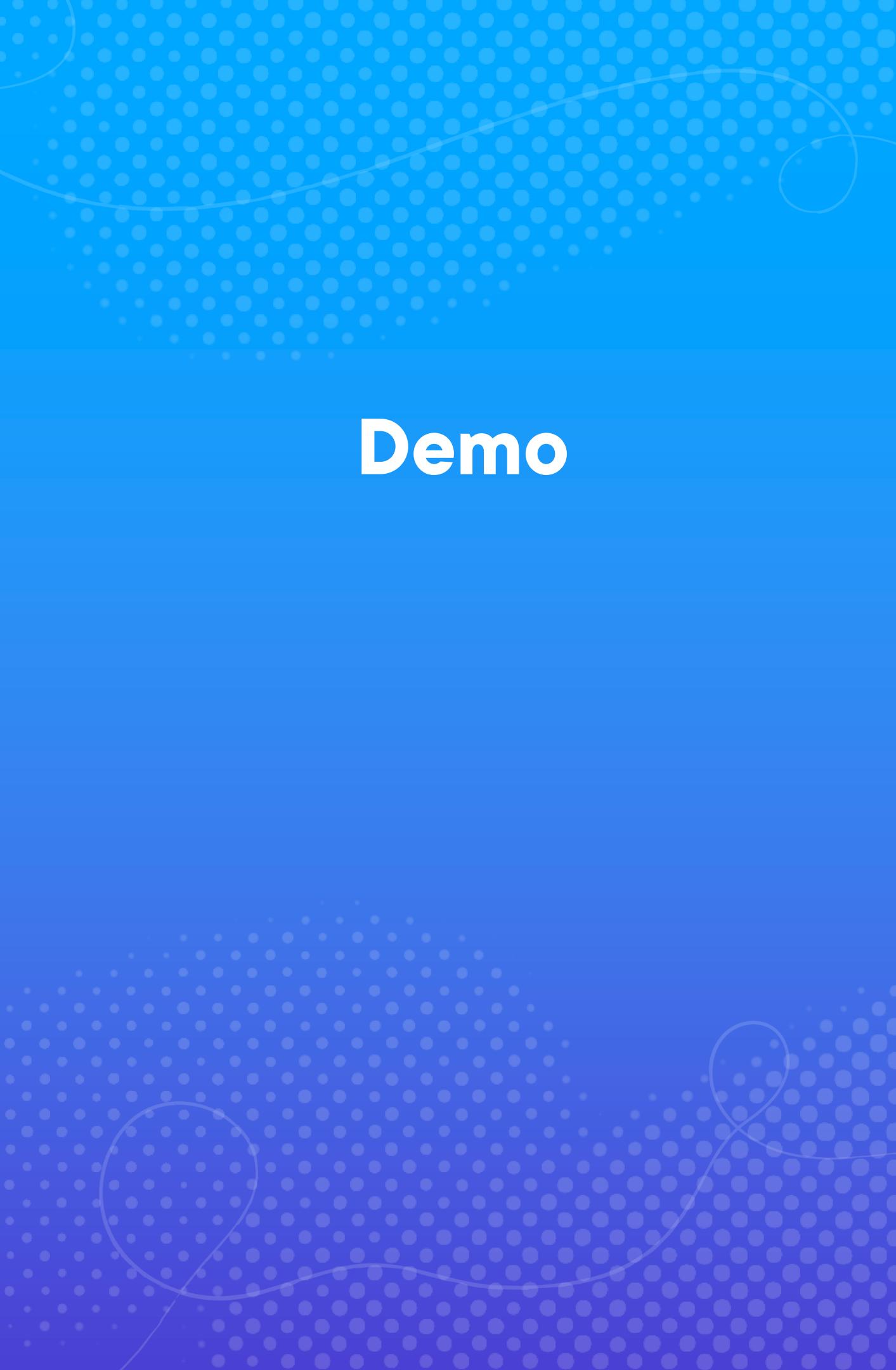




## GloboTicket Ticket Management

- Manage events, ticket sales etc
- API
- Blazor app





# Demo

## Looking at the finished application



**Up Next:**

# **Understanding Architectural Principles**

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