MyTravel

Travel Booking Platform

Explore the World with Ease

Project Overview

MyTravel is a full-stack travel booking platform that provides:

- 🌍 Browse and discover travel destinations worldwide
- ✈️ Book flights, hotels, and guided tours
- 📅 Interactive trip planner with drag-and-drop
- 📝 Travel blog with rich content creation
- 👤 User accounts with booking history
- 🔓 Admin dashboard for platform management

Key Features

For Travelers

- **Destination Search** with filters
- **Interactive Maps** (Leaflet)
- **Drag-and-Drop Planner**
- **Shopping Cart & Checkout**
- **Blog Reading & Writing**

For Admins

- **User Management**
- **Booking Management**
- **Blog Moderation**
- **Analytics Dashboard**
- **Revenue Tracking**

Technology Stack

Frontend

- ⚛️ **React 19** + TypeScript
- ⚡ **Vite 7** (Build Tool)
- 🎨 **Tailwind CSS 4**
- 📊 **TanStack Query**
- 🗺️ **Leaflet** (Maps)
- ✏️ **Lexical** (Rich Text Editor)

Backend

- 🟣 **.NET 10** + ASP.NET Core
- 🗄️ **Entity Framework Core**
- 💾 **SQLite** Database
- 🔑 **ASP.NET Identity**
- 📡 **RESTful API**

Architecture

```
┌─────────────────────────────────────────────────────────┐ │
│                    React Frontend                        │ │
│      (Components, Pages, Context, TanStack Query)         │ │
└─────────────────────────────────────────────────────────┘ │
                          │  HTTP/REST API
                          ▼
┌─────────────────────────────────────────────────────────┐ │
│                    ASP.NET Core API                      │ │
│      (Endpoints, Services, Identity Authentication)      │ │
└─────────────────────────────────────────────────────────┘ │
                          │  Entity Framework Core
                          ▼
┌─────────────────────────────────────────────────────────┐ │
│                    SQLite Database                       │ │
│            (Users, Bookings, Blog Posts)                 │ │
└─────────────────────────────────────────────────────────┘ │
```
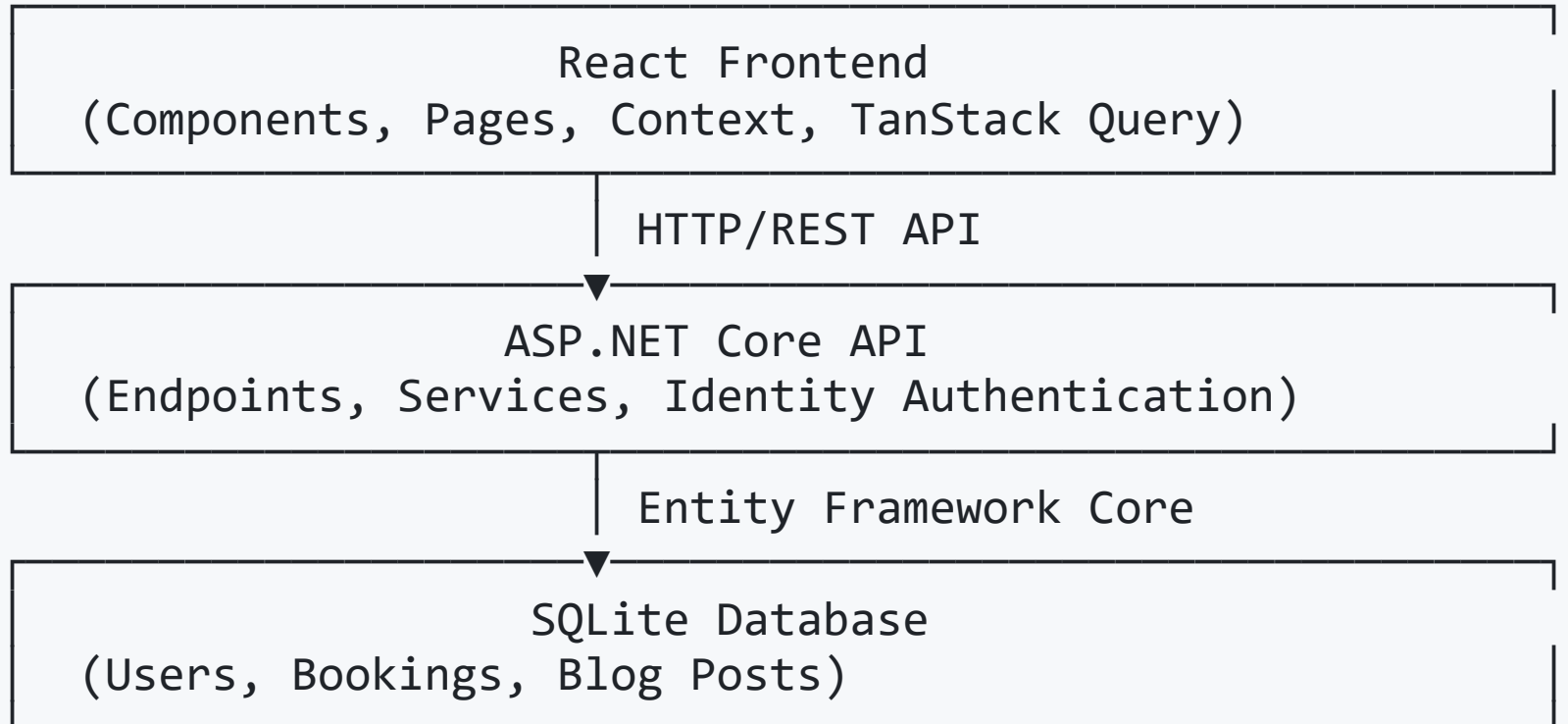
Highlighted Features

Feature	Description
Itinerary Planner	Drag-and-drop trip organization with dnd-kit
Interactive Maps	Explore destinations geographically
Rich Blog Editor	Lexical-powered content creation
Real-time Validation	Zod + react-hook-form
Responsive Design	Mobile-first with Tailwind CSS
Analytics	PostHog integration for insights

Summary

MyTravel delivers a complete travel booking experience

✅ Modern tech stack (React 19, .NET 10)

✅ Full-featured booking system

✅ Interactive trip planning

✅ Community blog platform

✅ Comprehensive admin tools

✅ Responsive & accessible design

Thank You!

MyTravel - Your Gateway to Adventure

🌐 Built with React + ASP.NET Core

📧 Questions? Let's explore together!