

Hasan Emir KÖROĞLU

Software Engineer

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PROFESSIONAL SUMMARY

Software Developer with hands-on experience in backend and frontend development using **C#, ASP.NET Core, React, and PostgreSQL**. Experienced in developing enterprise ERP systems, designing RESTful APIs, implementing new features, fixing production issues, and maintaining live applications. Focused on building scalable and maintainable software solutions based on Clean Architecture principles while continuously improving technical skills and learning new technologies.

PROFESSIONAL EXPERIENCE

ATG Hospitality

Junior Software Developer

05/2025 – Present

Antalya, Turkey

- Participated in the development, maintenance, and enhancement of enterprise ERP applications using **C#, .NET, ASP.NET Core, Entity Framework Core** for backend and **React, JavaScript, HTML, CSS, and Bootstrap** for frontend development.
- Developed and improved **RESTful APIs** while supporting frontend-backend integration.
- Built local development environments using **Docker, PostgreSQL**, and **Microsoft SQL Server**, contributing to database modeling and query optimization.
- Developed new features and improved existing functionality for reservation, accounting, and operational ERP modules.
- Contributed to maintenance, bug fixing, and feature development for live ERP systems serving **1,000+ active users**.

ATG Hospitality

Software Developer Intern

02/2025 – 05/2025

Antalya, Turkey

- Participated in full-stack development of ERP systems for the hospitality industry.
- Analyzed reservation, operations, and finance business processes and translated them into software solutions.
- Developed software following **Clean Code, Object-Oriented Programming (OOP)**, and **Layered Architecture** principles.
- Collaborated within an Agile development environment.

EDUCATION

Akdeniz University

Management Information Systems

09/2021 – 06/2025

Antalya, Turkey

PROJECTS

Enterprise Operations Platform

03/2026 – Present

- Developed an enterprise operations management platform using **ASP.NET Core Web API** and **React (Next.js, TypeScript)**.
- Designed and developed a modular system including meeting management, task management, decision management, workflow automation, document management, notification system, and analytics modules.
- Implemented a scalable architecture using **Clean Architecture, CQRS, MediatR**, and **FluentValidation**.
- Built secure authentication and authorization using **JWT Authentication, Role-Based Access Control (RBAC)**, and **Multi-Tenant** architecture.
- Designed and developed **RESTful APIs** for secure and efficient communication between frontend and backend.
- Built a scalable infrastructure using **PostgreSQL, Redis, SignalR, Hangfire**, and **Docker**.
- Developed modern, responsive, and reusable user interfaces using **TanStack Query, Zustand, Tailwind CSS**, and **shadcn/ui**.
- Improved software quality by implementing **Playwright End-to-End** and **Unit Tests**.

FitLog – Fitness Tracking Application

09/2025 – 12/2025

- Developed a full-stack fitness tracking application using **React (TypeScript)** and **ASP.NET Core Web API (C#)**.
- Designed a layered architecture based on **Clean Architecture** principles and **RESTful APIs**.
- Implemented secure authentication and role-based authorization using **ASP.NET Identity** and **JWT Authentication**.
- Built the data model and implemented database operations using **Entity Framework Core** and **PostgreSQL**.
- Developed a responsive user interface with type-safe API integration and protected routes.
- Published the project as an open-source repository on GitHub.

TECHNICAL SKILLS

Backend

C#, .NET, ASP.NET Core, Entity Framework Core, RESTful APIs, JWT Authentication

Frontend

React, Next.js, TypeScript, HTML, CSS, Bootstrap, Tailwind CSS

Database Management

Microsoft SQL Server, MySQL, PostgreSQL

Software Architecture

Object-Oriented Programming (OOP), Clean Architecture, Layered Architecture, RESTful API Design

Development Tools

Docker, Git, GitHub, Swagger, Postman

CERTIFICATIONS

- Advanced Web Development (From Scratch)
- Net 8 API/WEB | NLayer/Clean Architecture
- SQL With Applications
- Artificial Intelligence Specialization
- Frontend Web Development Training
- The Complete Python Bootcamp
- Secure Coding Based On OWASP
- C# OOP Layered Architecture
- Docker: A Complete Guide from A to Z
- Asp.Net Core Security

LANGUAGES

English

Upper-Intermediate (B2)