



ÖZKAN KARATAŞ .NET Backend Developer

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📍 Ankara, TURKEY

Summary

Backend Software Engineer with hands-on experience in developing scalable **ASP.NET Core Web APIs** and AI-integrated enterprise applications. Specialized in designing layered architectures, optimizing data access with **Dapper and EF Core**, and implementing **on-premise LLM systems using RAG architecture**. Contributed to enterprise intranet and web platforms, focusing on performance, security, and maintainability.

Skills

Backend (ASP.NET Core, Web API, Layered Architecture, API Design, SignalR, Dapper, EF Core)

Databases (MSSQL, MySQL, Query Optimization, Relational Schema Design)

AI & LLM Systems (LLM Deployment, Embeddings, Vectors, RAG, AI API Integrations, Workflows)

DevOps (Docker, IIS Deployment, Linux Server Environments)

Web Security (Web Security (XSS, CSRF, SQL Injection prevention))

Professional Experience

.NET Backend Developer, Akıllı Kurumsal Uygulamalar

Sep 2024 – Sep 2025

- Developed and maintained **ASP.NET Core Web API** modules for enterprise-level intranet and web platforms.
- Designed backend components for **business logic, data access, and API integrations** using layered architecture.
- Implemented on-premise LLM deployment with RAG architecture, eliminating external API dependency and ensuring secure processing of sensitive enterprise data.
- Delivered continuous backend improvements and feature implementations in production environments.
- Collaborated directly with stakeholders during **requirement analysis and iterative development cycles**.
- Participated in **IIS-based deployment and release processes**.

Network and Security Engineer Intern,

BNTPRO Bilgi ve İletişim Hizmetleri A.Ş

Jul 2024 – Aug 2024 | Ankara, Türkiye

- Configured VLAN, OSPF, NAT/PAT and IPsec VPN scenarios.
- Applied subnetting and firewall configuration principles.

Software Developer Intern,

Alchemy Smart Information Technologies

Jul 2023 – Aug 2023 | Ankara, Türkiye

- Developed basic cross-platform applications using Flutter and Dart.
- Participated in feature implementation and debugging processes.

Projects

Real Estate Platform: MulkJet 📄

- Developed a scalable backend using **ASP.NET Core 8 Web API** with layered architecture.
- Designed a high-performance data access layer using **Dapper**, optimizing complex queries and reducing database load.
- Implemented **JWT-based authentication & role-based authorization** for secure access control.
- Improved database performance through **indexing, stored procedures, and query optimization**.
- Integrated **geolocation-based property visualization** using Leaflet.js.

Personal Portfolio & CMS Project: MyCv 📄

- Developed a dynamic personal portfolio with a **custom admin panel** for real-time content management.
- Implemented **multi-language (localization) architecture** for global accessibility.
- Built **Telegram bot integration** to deliver instant notifications from contact forms.
- Applied modern security practices including **XSS & CSRF protection**.
- Optimized database queries for improved performance.
- Live Demo: ozkankaratas.com.tr 📄

Education

Bachelor of Computer Engineering,

Kırıkkale University - 2025

Certificates

Programming Foundations: Object-Oriented Design 📄, [LinkedIn](#)

Programming Foundations: Algorithms 📄, [LinkedIn](#)

Version Control 📄, *META*

EF SET B2 Upper Intermediate 📄, *EF SET*