

# ABDURRAHMAN OSMAN

Software Engineer | Full Stack .NET Developer | .NET Backend Developer

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in abdr-osman

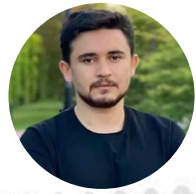
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Türkiye/Ankara Open to relocation / remote)

abdrosmn.com

Citizenship: Türkiye

GitHub



## SUMMARY

Full Stack .NET Developer with +5 years of experience designing, developing, and maintaining scalable web applications and microservices. Recently focused on AI-powered systems, including LLM applications, RAG architectures, and semantic search using OpenAI and Ollama.

Strong expertise in C#, .NET Core, ASP.NET, frontend technologies and modern backend architecture, with hands-on experience in Docker, AWS, and distributed systems.

Proven track record in enterprise-level projects including Electronic Document Management Systems (EDMS) and large-scale digital platforms. Focused on clean code, performance optimization, and building reliable, maintainable systems.

Experienced in international environments, with fluency in Turkish, English and Arabic enabling effective communication across diverse teams.

## EXPERIENCE

10/2023 - Present

Ankara, Turkey

Senior Software Engineer

[Iron Mountain Inc](#)

- Global company specializing in information management, data storage, and digital transformation solutions.
- I am working as a Full Stack .NET Developer at Iron Mountain, as a member of the software team in Ankara.
- Develop and maintain a large-scale Electronic Document Management System (EDMS) used in enterprise environments.
- Improve system performance, reliability, and maintainability in high-load production environments.
- Collaborate with cross-functional teams in Agile Scrum processes (sprint planning, daily stand-ups, reviews).
- Contribute to secure and high-performance backend systems handling critical business data.

06/2022 - 09/2023

Istanbul, Turkey

Mid. Software Engineer

[Koç University Information Technology](#)

- IT department of one of Turkey's leading universities, responsible for large-scale digital campus systems.
- Contributed to the development of [KUHUB](#), a large-scale digital campus platform.
- Worked in a cross-functional team of 90 members including developers, QA, and product teams.
- Built and maintained microservices using .NET Core, Docker, PostgreSQL, and SQL Server.
- Participated in system design and implementation of scalable backend services.
- Applied modern software engineering practices and Agile methodologies.

06/2021 - 06/2022

Gebze, Turkey

Junior Software Engineer

[Clarios | Karat Güç Sistemleri](#)

- Global and local companies focused on energy storage and battery technologies.
- Developed a Human Resources Management System using .NET 6 MVC and SQL Server.
- Improved internal workflows by digitizing HR processes.
- Maintained and enhanced existing enterprise applications.
- Ensured application performance, scalability, and security.

## SKILLS

### Backend, Databases, Frontend

C# .NET Core ASP.NET SOAP APIs REST APIs SQL Server PostgreSQL MongoDB Redis React  
JavaScript HTML CSS Bootstrap jQuery

### Architecture, Cloud, Tools

Microservices N-Tier Architecture MVC Docker AWS Rabbit MQ Git GitHub GitLab Jira Agile Scrum  
Cursor AI Codex Version Control Systems software development CI/CD

### AI & LLM Technologies

OpenAI API Ollama RAG (Retrieval Augmented Generation) Vector Embeddings Semantic Search Prompt Engineering

## EDUCATION

09/2016 - 07/2020

Kırıkkale, Turkey

Bachelor's Degree in Computer Engineering

[Kırıkkale University](#)

## TRAINING / COURSES

### GenAIfor.NET:BuildLLMApps with OpenAI and Ollama

Udemy | [ViewCertificate](#)

### AWS Certified Solutions Architect – Associate (Prep Course)

Udemy | [ViewCertificate](#)

### React 19 and .NET 10 API - The Complete Full Stack Bootcamp

Udemy | [ViewCertificate](#)

### Software Architecture & Technology of Large-Scale Systems

Udemy | [View Certificate](#)

### Introduction to MongoDB

MongoDB Inc. | [View Certificate](#)

### Microservices Architecture and Implementation on .NET

Udemy | [View Certificate](#)

## PROJECTS

### UniSphere - Full-Stack University Services Platform Using React & .Net 10 API

A full-stack university services platform: housing listings, a student marketplace, academic study groups, messaging, user profiles, authentication and protected routes, filtering, pagination, multilingual support, and an integrated AI assistant—delivered through a scalable REST API architecture.

[Explore the Project](#) [Front-End](#) [Back-End](#)

### KUHUB – Koç University Digital Platform

KUHUB is Koç University's centralized platform for academic, administrative, research, engagement, and student services. I worked as a Full Stack .NET Developer in a cross-functional team of 90+ professionals, contributing to scalable modules built with modern backend, frontend, and microservices practices.

[Explore the Project](#)

### Karat HR – Human Resources Management System

A comprehensive human resources web application built with .NET 6 MVC, SQL Server, and modern frontend technologies. The platform supports core HR workflows including personnel management, shift planning, leave requests and approvals, employee reporting, user permissions, onboarding, assets, travel forms, and training-related modules.

[Explore the Project](#)

### Envision EBYS – Electronic Document Management System

Envision EBYS is an electronic document management system built with .NET technologies to help organizations manage official correspondence, documents, approvals, and business processes in a secure digital environment. It replaces paper-based workflows with document creation, storage, e-signature, routing, archiving, search, and reporting tools.

[Explore the Project](#)

## REFERENCES

Available upon request.

## INTERESTS

- ★ AI-powered systems and LLM applications (RAG, semantic search)
- ★ Scalable backend architectures and microservices
- ★ Industry domains: Banking, FinTech, E-commerce, ERP, and SaaS platforms
- ★ Cloud computing and distributed systems