EMİN KÜÇÜK

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

I am a software engineer with a degree in Software Engineering from Sakarya University and four years of experience in full-stack development. At Ford Otosan, I specialized in enterprise-scale modern application development processes using .NET Core and React. In freelance and independent projects, I have developed e-commerce integrations, AI-powered RAG systems, and scalable platforms using Spring Boot, React, and modern database technologies (PostgreSQL, Redis, etc.). I am a developer who is open to continuous learning and well-versed in modern architecture. Outside of work, I enjoy keeping up with the latest hardware and software technologies, playing competitive simulation games, and staying active to maintain my health.

WORK EXPERIENCE

Full-Stack Software Developer

March 2025 – July 2026

Ford OTOSAN

- Managed the maintenance and development processes of enterprise CORE applications, contributing to operational efficiency.
- Took on significant responsibility for developing the travel system using ReactJS as part of the application modernization initiative.
- Created tools to improve the developer experience (DX) on the in-house framework.
- Managed container orchestration and CI/CD processes for applications on the OpenShift platform.
- Performed complex query optimization and performance improvements on the Oracle database. Defined data mappings for data coming from source systems.

Freelancer

October 2021 – March 2025

Freelance / Independent Projects

- It has developed customized web solutions for industry leaders such as Kumtel, İlvi, Havit, and UFO, as well as numerous other clients.
- It has developed live support systems and e-commerce infrastructures integrated with artificial intelligence.
- It has implemented the yg.digital, biberciler.com.tr, and beypagroup.com projects on a turnkey basis.
- Under the TÜBİTAK 2209-A program, it developed a peer-to-peer exchange support platform for students.
- Under the TÜBİTAK 2209-A program, it set up an MCP Server for developers.
- It developed Java Spring RESTful API services. It made its projects sustainable using a layered architecture.
- He developed applications that provide efficient data streaming using the Kafka architecture.
- He set up container architectures on Docker to ensure projects run independently of the environment; he integrated AI-based customer support systems.
- He designed scalable data storage systems using Hadoop and MinIO.

SKILLS

Frontend	React, Vite, Tailwind CSS, Redux, JavaScript/jQuery, HTML/CSS
Backend	C# (.NET Core MVC), Java (Spring Boot), Python, Node.js, PHP
Database & Caching	PostgreSQL, MySQL, Oracle, Redis, Entity Framework, MongoDB
Infrastructure & Devops	Docker, Kubernetes, Apache Kafka, MinIO, Flyway, OpenShift, CI/CD Pipelines

EDUCATION

Bachelor's Degree in Software Engineering October 2021 – July 2026

Sakarya University, Sakarya

LANGUAGE

Turkish	Native
English	Fluent

AREAS OF INTEREST

LLM and RAG Architectures, Microservice Architectures, Open-Source Projects, Next-Generation Technology Trends, Soccer, Basketball, Tennis, Fitness, Concerts, Theater

REFERENCES

Zeynep Elvan Galiba	Ford OTOSAN	It will be provided upon request.
Gök Gün Çağatay Koç	Ford OTOSAN	It will be provided upon request.
Yusuf Gülen	YG Digital	It will be provided upon request.