

HÜSEYİN KOCATÜRK

Software Engineer

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PROFESSIONAL SUMMARY

Computer Engineering graduate with hands-on experience in full-stack software development using C#, ASP.NET Core, and Java. Delivered production-ready applications across enterprise and freelance contexts, including WMS modules, business management systems, and educational platforms. Proven ability to work within large-scale codebases, design relational database schemas, and build scalable backend solutions following industry best practices.

SKILLS

- **Backend:** C#, .NET Core, Java, Spring Boot, Spring Data JPA, Entity Framework, SQL
- **Frontend:** JavaScript, React, Next.js
- **Tools & OS:** Git, Linux/Kali, Docker

PROFESSIONAL EXPERIENCE

Intern Software Developer | ALGORITMA360 | Kocaeli, Türkiye | 01/2026 – 03/2026

- Developed and integrated new functional modules into an existing WMS application using C# and .NET Framework.
- Designed relational database schemas and wrote optimized SQL queries to support module operations, ensuring data consistency and efficient data retrieval.
- Gained hands-on experience working on a large-scale enterprise codebase, following software development best practices and team coding standards.

Intern Frontend Developer | İLET BİLİSİM HİZMETLERİ | İstanbul, Türkiye | 01/2025 – 02/2025

- Developed reusable React components and built responsive, high-performance user interfaces for multiple client projects using Next.js and Tailwind CSS. Also used framer motion library for parallax and modern animations.
- Optimized application performance by implementing code splitting and lazy loading techniques, reducing initial load time 30%.
- Collaborated within Agile sprints to deliver user-focused features on time, participating in daily standups and sprint planning meetings.

Intern Software Developer | ALPATA TEKNOLOJİ YAZILIM | Eskişehir, Türkiye | 01/2024 – 02/2024

- Developed a storage tracking system using ASP.NET Core and Entity Framework as part of a comprehensive internship project.
- Designed and implemented detailed database schema with normalized tables to ensure data integrity and optimize query performance, while enhancing data security by utilizing SHA-256 hashing for sensitive data protection.
- Utilized Entity Framework Code-First approach for database migrations and data modeling.

EDUCATION

Eskişehir Technical University Computer Engineering (English) | 2020-2025

CERTIFICATIONS

- AWS Academy Cloud Foundations - AWS Academy
- 101 HTML, 201: HTML5 & CSS, 301: JavaScript, ASP.NET MVC 101, ASP.NET MVC 201, Java 101, 201 - TURKCELL Academy
- Cyber Security Academy (101 · 201 · 301 · Bootcamp) — Garanti BBVA Teknoloji | Placed 2nd in CTF Competition

CONFERENCES

International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES 2025) | Safranbolu, Türkiye | 12-14 May, 2025 | Presenter | Deep Learning Framework for Renal Pathology Classification and Segmentation

PROJECTS

- **AI-Assisted Inventory & Operations Management System:** Built a WMS-style inventory management system using ASP.NET MVC with integrated OpenAI API. Implemented stock tracking and automated demand forecasting by analyzing historical inventory trends to assist operators in making data-driven restocking decisions.
- **AI-Assisted Digital Banking Platform (Spring Boot & React):** Built a full-stack digital banking platform with a Spring Boot 4 REST API backend (JWT auth, PostgreSQL, Swagger) and React dashboard frontend, featuring AI-powered transaction analysis via Claude API.
- **Additional Projects:** algoritma360.com.tr, kgssigorta.com, innovativetrademark.com, golftegration.com, onneinsaat.com, gamelusiveedu.eu