

ÖMER ABALI

SOFTWARE ENGINEER



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ABOUT ME

AI-focused Software Engineering student experienced in building scalable SaaS platforms, LLM-integrated systems, and full-stack applications. Skilled in machine learning, computer vision, and AI driven automation, with a strong foundation in system design, clean architecture, and product-oriented development.

Proficient in Python, C#, Java, React, Flutter, and TypeScript, delivering production-ready solutions that bridge theoretical knowledge with real-world applications. Currently developing AI-powered content automation and intelligent communication platforms with a focus on commercially viable Generative AI systems.

EDUCATIONAL INFORMATION

Kirklareli University– Kirklareli

2023-2027

B.Sc. in Software Engineering | GPA: 3.62 / 4.00

PROJECT EXPERIENCE

- Skill-Identity-Engine (AI Career Platform · CV & GitHub Analysis · Skill Gap Detection · AI Coach · Roadmap Engine · SaaS)
- Health Insurance Pricing (Machine Learning · Regression Modeling · Predictive Analytics · Data Preprocessing · Python)
- AI Home Design (Generative AI · Image-to-Image Transformation · Interior Visualization · SaaS Platform · Computer Vision)
- Farm AI (AgriTech SaaS · AI Assistant · Farm Management System · Decision Support System · Mobile Application)
- Java Hotel Reservation System (Java OOP · Design Patterns · Reservation System · Backend Architecture)
- AI Medium Design (Generative AI · Content Automation · Gemini API · Trend Data Scraping · Automated Publishing System)
- Lexis App (AI-Supported Learning App · Flutter · Language Practice System · Personalized Study Flow · Mobile UX)
- Chatter Stream (Real-Time Communication · WebSocket Architecture · Full-Stack Application · Event-Driven System)

SKILLS

- Languages: Python, Java, C#, JavaScript, TypeScript, C, C++, Dart
- Frontend: React, TailwindCSS, HTML, CSS, Bootstrap
- Mobile: Flutter, Kotlin
- AI / Machine Learning: Pandas, NumPy
- Databases: MySQL, PostgreSQL, Firebase, DynamoDB
- Tools & DevOps: Docker, AWS, Git, Node.js, Linux

FOREIGN LANGUAGES

- Turkish: Main Language
- English: Advanced Level
- Deutsch: Beginning Level

CERTIFICATES AND TRAININGS

- Learn C++ and programming from scratch, Udemy
- Advanced Level Algorithms and Data Structures, BTK Academy
- Data Modeling, BTK Academy
- Algorithm Design, BTK Academy
- Creating an Effective Profile on LinkedIn, BTK Academy
- Introduction to Information Technology, BTK Academy
- Machine Learning Bootcamp, Tech Istanbul