FERHAT BOZKURT

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ONLINE PROFILES

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GitHub: https://github.com/ferhatbozkurt123

PROFESSIONAL SUMMARY

I am a final-year Computer Engineering student at Gazi University with practical experience in full-stack web and mobile development, artificial intelligence, and software architecture. I have developed and deployed enterprise-grade applications using Angular, .NET Core, Azure SQL, and React. I also build mobile apps with Swift and React Native. In AI, I have worked with Python and developed a deep reinforcement learning project using TensorFlow to optimize energy consumption in smart homes. My experience includes cloud platforms, version control systems, and CI/CD pipelines. Beyond technical work, I contribute to open-source projects and support community mentoring and academic initiatives. I aim to join an innovative and collaborative team to build scalable, intelligent, and user-focused digital products. More about my work is available at ferhatbozkurt.vercel.app.

WORK HISTORY

Intern, 01/2025 - 02/2025

İşKur - Ankara, Turkey

I supported the development of an internal application using C# and .NET MVC. My tasks included basic database queries, form handling, and UI adjustments. This internship gave me insight into public sector software practices and team workflows.

Full Stack Developer, 05/2024 - 11/2024

OdakGIS - Ankara

I worked as a full stack web developer and took part in both frontend and backend development tasks. I wrote and maintained basic application code, handled data-related operations, and supported UI improvements. This experience helped me improve my understanding of web technologies, team collaboration, and Agile development practices.

LANGUAGES

English
Upper intermediate (B2)

Turkish Native

SKILLS

Languages: C#, Python, JavaScript, TypeScript, HTML, CSS, SQL ,Swift

Frameworks & Technologies: NET Core, Angular, React, Next.js, Phyton, Unity, Tailwind CSS, Chart.js

Concepts & Practices: OOP, RESTful API, Agile/Scrum

Developer Tools & Platforms: Xcode, Android Studio, VSCode, PyCharm, Docker

Databases: AzureSQL ,PostgreSQL, MySQL**,** Oracle Database ,Firestore

EDUCATION

Bachelor of Science: Computer Engineering, 08/2020
Gazi University - **Faculty of Engineering** - Ankara/Turkey
19 Mayıs Anatolian High School - 2015-2019

PERSONAL PROJECTS

Energy Management via Deep Reinforcement Learning: Supported by TÜBİTAK 2209-B, this smart home energy optimization project uses Reinforcement Learning (DDPG), with Pandas and NumPy for data processing and simulation. It learns efficient device schedules to reduce energy usage while maintaining user comfort.
Stock and Sales System – Angular and .NET Core app for stock, sales, CRM, and reporting.
Trinity Game – Unity and C# multiplayer action game with AI enemies, combat, and power-ups.
FTP Client – Python and Flask-based FTP app with web interface for file and folder management.
Driver's License Prep App – iOS app with 2019–2025 questions, organized by year and month.
E-Commerce Demo – Next.js and TypeScript app with cart, admin panel, and responsive UI.
SmartHome App – iOS app to control smart devices and track energy with Swift and Core Data.
Currency Tracker App – iOS app showing live currency/gold rates, charts, and widgets.
Exam Planner App – React Native app for exam tracking, study plans, and reminders.
Real Estate System – .NET and Angular app for managing properties with map and access control.
POMEM Prep App – iOS app with categorized question bank and performance stats.
Carbon Tracker App – Mobile app to track and reduce carbon emissions by activity type.
Explore more projects on GitHub: https://github.com/ferhatbozkurt123

VOLUNTEERING & COMMUNITY ENGAGEMENT

Developer – Gazi University Alumni Network Platform *Gazi University | 2024 – Present* Contributing to the design and development of a digital platform to connect graduates of the Computer Engineering Department. The system includes interactive maps and data-driven interfaces to strengthen alumni relations.
Gazi AI Community – Volunteer Instructor
Delivered training sessions on Python and popular AI libraries (NumPy, Pandas, scikit-learn, etc.) to students interested in artificial intelligence. Contributed to peer learning by organizing beginner-friendly workshops and practical coding sessions.
Volunteer Open Source Contributor – HuggingFace Transformers (2025)
Contributed to NLP model tooling and Python dependency management in a widely used open source library.

REFERANCES

Prof. Dr. M. Ali Akcayol
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