

ÖMER FARUK GÜLER

Junior Software Engineer · AI & Backend Development

Istanbul, Türkiye | ofguler2014@gmail.com | github.com/OmerGuler-dev | LinkedIn

PROFILE

I am a third-year Computer Engineering student at Trakya University and an AI-focused junior software engineer. I build end-to-end projects with Next.js, TypeScript, Python, and machine learning, with a growing focus on backend systems, reliable AI outputs, and data-driven applications. I also contribute to technical support and lead external relations for a developer community.

EXPERIENCE

Junior Software Engineer / AI Intern - FlyRank AI

2026 - Present

- I contribute to software development within an AI-focused product team.

Technical Support Engineer - Trakya University IT Department

Dec 2025 - Present

- I handle user requests and support the diagnosis, documentation, and resolution of hardware and software incidents.

Core Team Member, External Relations - GDG on Campus Trakya University

Oct 2025 - Present

- I manage community partnerships, sponsorship outreach, and external communications.

SELECTED PROJECTS

AI Code Reviewer MVP - Next.js, TypeScript, OpenAI API, Zod, Tailwind CSS

GitHub

- I built an AI-assisted review application that generates actionable security, bug, performance, quality, and maintainability feedback across eight programming languages.
- I implemented server-side key handling, Zod validation for requests and structured AI outputs, and severity-labelled issue cards.

Heart Disease Classification - Python, Pandas, scikit-learn, Jupyter

GitHub

- I compared Logistic Regression, KNN, and Decision Tree models on the UCI Cleveland dataset using a stratified split, scaling, and 5-fold cross-validation.
- I evaluated accuracy, precision, recall, F1, and confusion matrices, with particular attention to false negatives in a health context.

WindTracker GUI - Python, Tkinter, SQLite

GitHub

- I developed a desktop application for tracking real-time wind data and storing records in a local database.

EDUCATION & CERTIFICATION

Trakya University - B.Sc. in Computer Engineering (GPA: 2.50/4.00)

2023 - Present

Data Science & Machine Learning Bootcamp - HSD Türkiye & Türkiye Yapay Zeka Akademisi, Jul-Aug 2026

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, C | Web/Backend: Next.js, OpenAI API, REST APIs, Zod, Tailwind CSS

Data & ML: Pandas, NumPy, scikit-learn, Matplotlib, Jupyter, model evaluation | Tools: Git, GitHub, SQLite

Languages: Turkish (Native), English (B2)