



ÖMER FARUK AY

COMPUTER ENGINEERING STUDENT

Ankara, TURKEY | <https://www.linkedin.com/in/omer-faruk-ay> | <https://github.com/OmerFarukAY>

As a 3rd-year Computer Engineering student at Ostim Technical University, I am deeply passionate about software development and cybersecurity. I actively develop innovative projects utilizing a diverse tech stack, including Flutter, Dart, HTML, CSS, Python, C, C++, and SQL. My primary objective is to engineer high-performance, user-centric, and sustainable software solutions. I am dedicated to continuously advancing my skills in mobile application development, data analysis, and desktop applications to contribute effectively to cutting-edge projects.

AREAS OF EXPERTISE

- Object-Oriented Programming (C/C++)
- Python Application Development & Data Analysis
- Modern & User-Oriented UI Design (HTML & CSS)
- SQL-Based Database Design & Management
- Cross-platform Mobile Development (Flutter & Dart)
- Basic Cybersecurity Principles & Network Structures

CORE PROJECTS

- **Mobile Login/Register UI (Flutter):** Developed a modern mobile interface for user authentication processes using Flutter & Dart: github.com/OmerFarukAY/mobile-login-registerPage-design
- **Fuzzy Logic Project (Python):** Developed a decision support mechanism using fuzzy logic algorithms and worked on uncertain data modeling: github.com/OmerFarukAY/fuzzyLogicProject

PROFESSIONAL EXPERIENCE

Freelance / Personal Projects

2023 - Present

- Developed an education management system prototype with student and teacher roles using Flutter & Dart.
- Designed a responsive personal portfolio website using HTML, CSS, and basic JavaScript.
- Performed relational database design and implemented CRUD (Create, Read, Update, Delete) operations using SQL.
- Enhanced data-driven problem-solving skills by developing data processing and log analysis applications with Python.

EDUCATION

ASAL COLLEGE / ANKARA

2021-2022

OSTIM TECHNICAL UNIVERSITY / ANKARA

2023-Present

- COMPUTER ENGINEERING

ADDITIONAL INFORMATION

- **Languages:** English: B2, Spanish:A1, Russian:A1
- **Certificates:** Coderspace / Cyber Security School, RACONF'24 / Web Hacking, UDEMY / Mobile Application Development with Flutter (Android & iOS), DataCamp / Intermediate Python, DataCamp / Applying SQL to Real-World Problems