

EREN ERGEÇ

Computer Engineer | Software Developer

Istanbul, Turkey | erenergiec@outlook.com | +90 (539) 510 09 40 | linkedin.com/in/erenergiec

SUMMARY

Results-driven Computer Engineering graduate with a strong background in software development, object-oriented design, autonomous systems, and team leadership. Experienced in backend development (C# ASP.NET Core, Java Spring Boot, SAP ABAP), mobile applications (Flutter), robotics simulation (ROS2, C++), and machine learning (YOLOv8, XGBoost). Proven track record of leading cross-functional engineering teams, conducting rigorous code reviews, and building clean, maintainable software in Agile environments.

TECHNICAL SKILLS

- **Programming Languages & Databases:** Python, Java, C/C++, C# (.NET 8), SQL (PostgreSQL, MySQL), Dart, SAP ABAP
- **Software Architecture & Design:** Object-Oriented Programming (OOP), Clean Architecture, REST APIs, Microservices Basics
- **Frameworks & Interactive Tech:** Flutter, ASP.NET Core 8, ROS2 (Humble), Gazebo Simulator, Spring Boot, ARCore / ARKit
- **AI & Data Analysis:** YOLOv8 (Object Detection), XGBoost (Predictive Modeling), Pandas, NumPy
- **Tools & Methodologies:** Agile/Scrum, Git/GitHub, Code Reviews, Docker, Postman, SAP GUI, WSL, macOS, Linux

PROFESSIONAL EXPERIENCE

GoLive IT

Aug 2026 – Sept 2026

SAP ABAP Developer Intern

Istanbul, Turkey

- **Enterprise Software Development:** Developed business logic using SAP ABAP and managed database structures with ABAP Dictionary (DDIC) objects.
- **Debugging & Optimization:** Analyzed and debugged active ABAP code to isolate issues and optimize database query performance.
- **Agile Collaboration:** Participated in daily Scrum stand-ups and coordinated closely with functional consultants to deliver modular software updates.

CarrefourSA

July 2025 – Aug 2025

Software Development Intern

Istanbul, Turkey

- **Platform Reliability & Debugging:** Analyzed production code and debugged active software modules on a high-traffic e-commerce platform.
- **Database Reporting:** Engineered and optimized SQL queries to extract key operational datasets for data-driven business reporting.
- **Agile Execution:** Engaged in sprint planning, backlog grooming, and daily stand-ups within a cross-functional Scrum team.

PROJECTS

Autonomous Rover Project | Software Captain

January 2025 – September 2026

IKU Roverium / Asimov Student Club

- **Team Leadership & Code Review:** Led an interdisciplinary engineering team to architect the end-to-end software system, establishing Git branching workflows and mandatory code-review sessions.
- **Autonomous Systems Architecture:** Engineered autonomous navigation, sensor fusion, and telemetry simulation modules in C++ and Python using ROS2 Humble and Gazebo.

MARCTOPLU | Multi-Vendor E-Commerce Backend

2026 - Present

C# (.NET 8) & PostgreSQL System

- **Backend & Asynchronous Processing:** Designed a backend architecture in C# (ASP.NET Core 8) utilizing OOP principles and PostgreSQL.
- **Concurrent Execution:** Built an asynchronous JobWorkerService with Task Parallel Library (TPL) for background queue processing, virtual credit handling, and Docker containerization.

TravelGenerait | AI & AR Mobile Travel App

September 2025 - Present

Flutter, ARCore/ARKit & AI System

- **Clean Architecture & State Management:** Developed a cross-platform mobile app in Flutter adhering to Clean Architecture standards and Provider state management.
- **Caching & AR Integration:** Implemented multi-tier caching (in-memory TTL & JSON storage) for offline access, ARCore/ARKit spatial scanning, and RevenueCat subscription models.

EDUCATION

Istanbul Kültür University

Graduated 2026

Bachelor of Science in Computer Engineering (English) — GPA: 3.18 / 4.00

Istanbul, Turkey

PANS NYSA

September 2024 – February 2025

Erasmus+ Exchange Student

Nysa, Poland

CO-CURRICULAR ACTIVITIES & LEADERSHIP

- **Model Rocket Project — Embedded Software Developer:** Programmed microcontrollers and telemetry sensors for model rockets with IKU Asimov Tech Club (2023–2024).
- **Event Organization Responsible:** Organized technical site visits and industry career days for IKU Industrial Engineering Club (2022–2023).
- **University Ambassador:** Guided prospective engineering students during university registration periods (2023).

LANGUAGES

- Turkish (Native) | English (C1 - Professional Working Proficiency) | German (A2 - Elementary)