

Ünal Sariemir

Computer Engineer



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PROFESSIONAL SUMMARY

I am a 4th-year Computer Engineering student at Gebze Technical University with hands-on full-stack experience building end-to-end web and mobile applications. I have worked with Java (Spring Boot), React, and Docker to develop scalable systems, design RESTful APIs, and implement secure authentication using Spring Security and JWT with role-based access control. I'm also experienced with PostgreSQL, and I have deployed applications on AWS, including packaging an Android release using Expo. I have also performed performance/load testing using k6 to validate system behavior under concurrent traffic. I am currently applying for a Full-Stack Software Development internship to contribute to production-ready products and grow within a strong engineering team.

EXPERIENCE

COMPUTER ENGINEER INTERN, Çankaya, Ankara

Huawei, July 2025–August 2025

- Built an organization management system with Spring Boot and React/TypeScript, following a clean Controller–Service–Repository architecture.
- Designed and secured REST APIs using Spring Security + JWT, implementing Role Based Access Control for multiple user roles.
- Modeled relational data in PostgreSQL with JPA/Hibernate, including One-to-Many and Many-to-Many mappings.
- Dockerized the application for consistent local and development environments; improved security and maintainability using DTOs and BCrypt password hashing.
- Delivered complete end-to-end CRUD workflows across both API and UI.

CSE 102 LAB TUTOR (İSKUR PROGRAM), Gebze, Kocaeli

Gebze Technical University, March 2025–June 2025

- Supported CSE 102 lab sessions where instructors assigned time-limited coding tasks during class.
- Assisted students by answering questions and guiding them through problem-solving and implementation during the lab.
- Evaluated and graded students' lab solutions at the end of each session, ensuring consistent and fair assessment.

EDUCATION

COMPUTER ENGINEERING , Gebze, Kocaeli

Gebze Technical University, Expected graduation June 2026

HIGH SCHOOL, Kastamonu

Kastamonu Abdurrahman Paşa Lisesi, June 2020

CERTIFICATIONS

- Sıfırdan İleri Düzey Web Geliştirme (HTML,CSS,JavaScript), Udemy
- Beginning C++ Programming - From Beginner to Beyond, Udemy
- Yapay Zeka ve Girişimcilik, Türkiye Cumhuriyeti Cumhurbaşkanlığı Dijital Dönüşüm Ofisi
- Savunma Sanayii Akademi - Kariyer ve Yetkinlik Buluşmaları 1
- Savunma Sanayii Akademi - Kariyer ve Yetkinlik Buluşmaları 2
- Savunma Sanayii 401, Savunma Sanayii Akademi

PROJECTS

- Outdoors Activity Social App (Graduation Project) - Full-Stack Web & Mobile Platform
I built a full-stack web and mobile platform for organizing outdoor group events such as hiking, caving, and climbing, including trip creation, participant coordination (e.g., car seat availability), scheduling/cost planning, and post-event photo sharing with tagging. The backend was developed with Java Spring Boot and RESTful APIs, while the web client was built with React; the system was Dockerized, the mobile app was packaged via Expo as an Android APK, and both frontend and backend were deployed on AWS (Elastic Beanstalk, RDS, S3). I also conducted performance/load testing using k6 to validate system behavior under concurrent user traffic.
Tech Stack: Java, Spring Boot, React, Docker, Expo, AWS (Elastic Beanstalk, RDS, S3), PostgreSQL, k6
- Pharmacy Stock Manager - Inventory Tracking System (Group Project)
We developed an inventory tracking system for pharmacies to accurately manage expiry dates and stock quantities. I contributed to the backend using ASP.NET MVC, managed persistence with SQL Server, and supported UI development by building screens for stock entry and inventory review.
Tech Stack: C#, ASP.NET MVC, SQL Server