

Erdem Halil Durukan

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EDUCATION

TOBB University of Economics and Technology

Ankara , Turkey

Bachelor of Science in Computer Engineering

2021 – 2025

- Relevant Coursework: Machine Learning, Deep Learning, Software Engineering, Computer Architecture, Introduction to Big Data

EXPERIENCE

Software Engineer Intern

Sept 2024 – Dec 2024

ICterra Information and Communication Technologies

Ankara, Turkey

- Built a full-stack web application with Next.js frontend and Spring Boot backend for internal software licensing workflows, adopted for internal use.
- Implemented authentication and authorization using Spring Security and JWT, including role-based access control and user verification flows.
- Dockerized backend services and databases to enable containerized application deployment.
- Developed a task management backend using Go and PostgreSQL with JWT-secured REST endpoints.

Software Engineer Intern

Jan 2024 – Apr 2024

Havelsan

Ankara, Turkey

- Developed a Vue.js + TypeScript-based frontend plugin integrated with the LIMAN MYS open-source system.
- Worked in a virtualized Linux environment by deploying Ubuntu Server on Proxmox and developing remotely via SSH.
- Implemented modular and scalable UI features using Vue Composition API and Axios for backend-integrated workflows.
- Configured CI pipelines with GitHub Actions to automate frontend builds and validate releases.
- Worked within an open-source development workflow using Git, issues, and code reviews; project adopted for internal enterprise use.

Software Engineer Intern

May 2023 – Aug 2023

Altay Software

Ankara, Turkey

- Developed a full-stack admin panel for an e-commerce platform using Spring Boot, React, and PostgreSQL.
- Designed and implemented secure RESTful APIs with authentication, authorization, and CRUD operations.
- Built backend services using Flask and Redis, enabling real-time features via Flask-SocketIO.

TECHNICAL SKILLS

Languages: Java, C, Go, Python, SQL, TypeScript

Technologies: Spring Boot, Spring Security, Flask, React, Next.js, Vue.js, Docker, Git, Linux, Maven, JWT, MySQL, PostgreSQL

LANGUAGES

Turkish: Native

English: Fluent