

Yusuf Kaya

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ABOUT ME

I am a third-year Software Engineering student at Firat University. Within the university's defense industry engineering community, I have taken part in Teknofest projects, contributing to system infrastructure, user interface design, and simulation development. Individually, I focus on cloud technologies and web-based projects.

EXPERIENCE	Defense Industry Qualified	
Software Team Member	Engineers Community	Oct 2023 - Oct 2025
- Teknofest Unmanned Surface Vehicle "Mavi Vatan" Finalist - Developed user interfaces for Teknofest Air Defense Systems, Unmanned Surface Vehicle (USV), and Combat UAV projects. - Designed and implemented software architecture for air defense systems. - Trained computer vision models and set up simulation environments for the Combat UAV project. - Defined underwater system missions, implemented algorithms for mission execution, and developed functional system code integrating sensor fusion.		
Intern	Andromeda LLC Company	Aug 2025
Developed a web project using HTML, CSS, Bootstrap, and JavaScript.		

PROJECTS

Cloud-Based Web Project

- Developed an automated image resizing system using AWS services. 2024

Portfolio Website

- As part of a university project, I developed a portfolio-blog website built with the Next.js 14 framework, utilizing TypeScript for type safety and Tailwind CSS for a responsive, modern design. The website serves as a platform to showcase my projects and offers personalized one-page tools for users. May-2025

Erasmus Connect Platform

- Developed a cross-platform social network for exchange students using Next.js and React Native. Built a scalable Node.js/Express backend with MongoDB, , interactive travel maps using Leaflet, and secure media management with Supabase 2025

EDUCATION

Firat University

Bachelor's Degree in Software Engineering
(2023-2027)

Riga Technical University.

Erasmus+ Exchange Student
Jan 2026 - July 2026

LANGUAGES

English - B2 Level

SKILLS

- Software Architecture & Process Management
- Programming Languages
- Data Structures and Algorithms
- Linux
- AWS Systems