

YUSUF ÖZER

SOFTWARE ENGINEER

Izmir, Turkey | yozer.com.tr | tipili-yusuf-ozer@hotmail.com | [+905436458126](tel:+905436458126) | [LinkedIn](#)



ABOUT

I'm a software engineering graduate focused on full-stack web development. As an enthusiast of web development, designing and implementing software systems at each layer of their abstraction intrigue me. 'E-Commerce Sandbox' is a project where I designed and implemented each layer of the application from domain model to UI. Machine learning and image processing are also among the fields that I studied and developed projects in. 'Nut Classifier' is a project I developed in this field. In addition to my hard skills, my internships helped me improve my soft skills like team work and project management (Scrum). I've improved my teamwork in Biltaş Group, where I cooperated with my lead developer and other developers to design, develop and test a new companion app for their systems. And I learned about project management and software development methodologies like Scrum and Agile in my internship at Kivi e-Dönüşüm.

INTERNSHIPS

Software Engineer Intern, Kivi e-Dönüşüm

Jul 2025 — Aug 2025

Trabzon, Turkey

- I've learned software and project management methodologies like Agile and Scrum as well as their Github based CI/CD pipelines by closely following Kivi e-Dönüşüm in their workflows.
- My engineer in-charge also tasked me with developing a production-ready web application using some of the components in their tech stack (ASP.NET, SQL Server, EF and Razor pages). The application I developed for this assignment can be viewed in the project titled 'E-Commerce Sandbox' in my projects section.

Software Engineer Intern, Biltaş Grup

Jul 2024 — Sept 2024

Izmir, Turkey

Developed a desktop companion app for Biltaş Grup's e-document management system to enable smart card-based document signing, addressing the limitations of their browser-based client.

- Collaborated with my software lead on requirements, planning, and testing throughout the project.
- Used Spring framework for DI and networking, leveraged conditional dependencies to adapt to various LAN configurations that customers have.
- Leveraged Cryptography APIs (PKCS#11) for secure key management and signing.

PROJECTS

E-Commerce Sandbox

Jul 2025 — Aug 2025

This is an E-Commerce application that works in a sandbox environment. As a customer or seller, your actions propagate to other users (e.g., buying a product impacts inventory) and update live statistics (e.g., sale aggregates). You can read more about the feature set and the architecture of the application from the Github repository readme. You can see them live at the live demo.

Repository: https://github.com/yozerpp/ecommerce_kivi

Demo: <https://yozer.com.tr/demo/ecommerce-sandbox>

Nut Classifier

Feb 2024 — Apr 2024

An image processing and machine learning app that uses Hu Moments for feature extraction and pattern recognition. Implemented with self-built hardware acceleration written in CUDA and C++. You can find the instructions to build, as well as sample test and training images at the github repository.

Repository: <https://github.com/yozerpp/nutdetector>

E-commerce Web API

Oct 2023 — Dec 2023

Backend for an e-commerce app. Utilizes a self-built ORM framework, built with proxy patterns and dynamic programming, alongside MySQL and Tomcat. Utilizes swagger as a UI.

Repository: <https://github.com/yozerpp/e-commerce-backend>

EDUCATION

Karadeniz Technical University, Computer Engineering

Sept 2020 — Sept 2025

Trabzon, Turkey

Throughout my Bachelor's program, I took courses on machine learning and web development, and developed projects for their assignments. 'Nut Classifier' and 'Ecommerce Web API' are one of such projects. I also pursued industry knowledge by joining seminars given at school by working engineers.

Grade: 2.99

TECHNICAL SKILLS

Full-Stack Development
Spring Framework
Docker

ASP.NET
Svelte
Dynamic Programming

Entity Framework
Git

Java & JVM
Linux

ADDITIONAL INFORMATION

- **Languages:** English, Turkish
- **Links:** [Personal Website](#), [Github](#)