



Osman Berke Ülger

Computer Engineering Student

4th Grade



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Yalova/ TURKEY

SUMMARY

I am a final-year Computer Engineering student interested in full-stack development, mobile applications and cloud technologies. I have built several academic and personal projects using Angular, Spring Boot, PostgreSQL, Kotlin and ASP.NET Core. Most recently, I worked on a full-stack course platform where I implemented REST APIs, JWT-based authentication, role-based authorization, Redis caching and Kafka-based asynchronous operations. I have also gained practical experience with Docker, AWS and CDN services. I enjoy understanding how different parts of an application work together and improving my skills by building complete, usable projects.

SKILLS

- C#, C
- Python
- PostgreSQL, Redis
- Javascript, Typescript
- Angular, React
- Flutter, HTML/CSS
- Data Analysis

- PHP,
- SQL Asp.net
- Laravel
- MS Office programs
- NetCAD AutoCAD
- AI/ML & Data Science
- Microsoft Power BI, DAX
- Docker, Docker
- Compose, AWS
- CDN

- Java, TypeScript
- Spring Boot, Spring Security, Spring Data
- JPA, Hibernate, RESTful API
- Android, Kotlin, Jetpack Compose, Retrofit
- JWT, HttpOnly Cookie,
- Role-Based Access Control (RBAC)

EDUCATION

Karabük University
Computer Engineering

2021 - Present
GPA: 2.73

LANGUAGES

Turkish : Native **English** :
Fluent (B2)

Experience

Stajyer, Karabük Üniversitesi - University Of Karabuk (Staj) Temmuz 2025 - Temmuz 2025

Developed an AI-driven website that predicts the growth probability of agricultural products at any specified location within Turkey by analyzing custom fertilizer, temperature, and soil settings.

Stajyer, Karabük Teknokent A.Ş. (Staj) Eylül 2024 - Ocak 2025

The Technopark website presentation goes beyond a standard presentation; it signifies the construction of a comprehensive web portal that provides data exchange between companies and management.

Frontend Developer Intern, enoca (Staj) Ağustos 2024 - Eylül 2024

Dynamic web applications that pull real-time news and movie data from external API services were designed using Angular and TypeScript. Developed with a REST architecture and asynchronous data processing techniques, the project offers a user-friendly interface and high-performance data flow thanks to its component-based structure.

Nebula Innovators Şubat 2025 - Nisan 2025

Worked on a website project alongside a school partner club.

Bundle Eylül 2026 -

Developed a scalable online learning platform with student, instructor, and administrator roles using Angular, Spring Boot, Kotlin, and PostgreSQL. Implemented course management, video uploading and streaming, shopping cart and purchasing, learning progress tracking, reviews, notifications, and certificate generation. Secured the platform using JWT authentication, HttpOnly cookies, and role-based access control. Integrated Redis for caching and Apache Kafka for asynchronous notification processing. Containerized the application using Docker and deployed it on AWS, while delivering video content through ImageKit CDN.