



# ALPER UĞURCAN

## Software Developer

I graduated from Eskişehir Osmangazi University Mathematics and Computer Science. I transferred to this department from Pamukkale Mechanical Engineering in 2019. During my education, I developed various projects in Matlab, Python, Java, C# languages and focused on improving myself in Java. I did my internship as a fullstack developer at Bewell Technology, where I had the opportunity to learn and apply Angular and Docker as well as Java. Afterwards, I started working at Ad Astra Technology Group and working as a fullstack developer here.

## Education

2019-2024

### Mathematics and Computer Science

Eskişehir Osmangazi University

## Experience

### Ad Astra Technology Group

Software Developer May 2024 - Present

An application was developed for **company management, B2B meeting management, CRM** and showing the matching rates of companies with each other. The **payments** of the products needed by the companies were realized through this system. A user-friendly interface with **React (TypeScript)** on the frontend, microservice architecture and **TDD** method with **Spring Boot** on the backend were used. Communication between services was provided with **Kafka**. **AWS** infrastructure (**Amazon SES, Amazon S3**) was integrated to create a scalable and reliable system.

- **Java, Spring Boot, React, Docker, Kubernetes, Kafka, Amazon Web Services, Jenkins, ArgoCD, JMeter, PostgreSQL, MongoDB, ELK Stack, EC2**

An IoT-based real-time monitoring system was developed using **Hexagonal Architecture** for a decoupled and maintainable backend. The project features a Kotlin-based smartwatch app for sensor data collection and a **Spring Boot** backend for live data processing. Security and identity management were integrated via **Keycloak**. The system was deployed on **Amazon EC2**, providing seamless data synchronization between wearable devices and a React-based frontend.

- **Java, Spring Boot, Kotlin, React, Keycloak, Amazon EC2, Hexagonal Architecture, PostgreSQL, REST API.**

Developed an application that provides **b2b meeting management** for **SAHA Expo**. Developed a microservice architecture with spring boot in the backend part and used **RabbitMQ** for communication between services. Ensured the security of the application with **Amazon Cognito** and used **Amazon EKS** for deployment

- **Java, Spring Boot, React, Docker, Kubernetes, Amazon Web Services**

### Bewell Technology

Intern Fullstack Developer July 2023 - August 2023

Developed a full-stack project focusing on inventory and financial management. I designed the backend using Spring Boot and implemented the frontend with Angular. To ensure backend security, utilized JWT tokens. Additionally, I completed Docker processes to make the project deployment-ready.

- **Java, Spring Boot, Angular, MySQL, Docker**

## Contact

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### Github

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### Address

Ankara/Turkey

## Technical Skills

- Java
- Spring Boot
- Docker
- Amazon Web Services
- Kubernetes
- Git

## Personal Information

### Date of Birth

23/07/1999