

# ARİF ÖZCAN *Software Engineer | Backend Developer*

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I am a quick learner, and when I set a goal, I break it into small steps, manage my time carefully, and take smart risks when needed. I am currently focused on backend development and actively seeking opportunities to apply my knowledge and grow professionally. I am always open to learning new technologies to enhance my skill set and ensure my work stays useful, up-to-date, and ready for the future.

## EXPERIENCE

### T.C. Gelir İdaresi Başkanlığı (GİB Teknoloji)

*Java Backend Developer Intern*

02/2025 – 06/2025

Ankara

- I developed an enterprise-level backend application (Personnel Tracking System) using Spring Boot, designed to align with the structure of a public institution.
- Collaborated with senior mentor engineers in the project renewal team through task-oriented iterations, designing, developing, and optimizing back-end services by applying SOLID principles and using CI/CD tools.
- Applied best practices in RESTful API development, database management, and layered architecture to enhance system security with role-based authorization and enable automated email notifications based on predefined rules.

*Java Developer Intern*

07/2024 – 09/2024

Ankara

- Strengthened Java development skills and gained practical insights into the software development lifecycle, agile methodologies, design patterns, software architectures, and how theoretical knowledge translates into industry-standard applications.
- Gained theoretical knowledge in real-world software development and deepened understanding of the logic behind nationwide projects.

## EDUCATION

**Firat University**, *Bachelor's Degree in Software Engineering*

2021 – 2025

**University of Beira Interior**, *Computer Science and Engineering*

02/2023 – 07/2023

Portugal

- Erasmus+ Study Mobility

**FU School of Foreign Languages**, *English Preparatory Year*

2020 – 2021

- English B2 (Upper-Intermediate)

## PROJECTS

### Personnel Tracking System

A comprehensive back-end project designed to manage personnel, units, gates, turnstiles and working hours, providing convenient access control, email notification and salary calculation.

Tech Stack : *Java, Spring-boot, Spring Data JPA, PostgreSQL, Liquibase, Spring Security, JWT, Apache Kafka, Redis, Hazelcast, Docker, Docker-compose, JUnit*

### AI-Powered Document Distribution System, *Graduation Project*

Built an AI-driven platform to analyze incoming official documents and automatically route them to the appropriate university departments. Supported by SAYZEK (Artificial Intelligence Talent Cluster of Defence Industry).

Tech Stack : *Python, Machine Learning, Large Language Models (LLM), BERT, Text Mining*

### Face Shape Glasses Recommendation App

Designed an AI application that identifies a user's face shape and suggests eyeglass frames tailored to their face type.

Tech Stack : *Python, NumPy, Matplotlib, PyTorch, Tkinter, Jupyter Notebook*

### Flight Tracking Application

Using the OpenSky Network API to show the current locations of flights around the world on the map and visualise flight data with graph structures.

Tech Stack : *Python, Pandas, Plotly, Streamlit*

## SKILLS

### Languages

*Java, Python, Javascript*

### Frameworks, Libraries, Tools

*Spring Boot, SQL, NoSQL, Git, Docker, Kafka*