

Baris PINAR

Backend Developer

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SUMMARY

Backend developer with **2+** years of experience crafting scalable solutions. I specialize in **Python** and **Java** development, with expertise in cloud platforms like **AWS** and **Azure**. Passionate about building robust APIs, optimizing databases, and creating efficient serverless architectures. What drives me? Solving complex problems with elegant code. I love architecting solutions that not only work flawlessly but also scale efficiently.

SKILLS

- | | | |
|----------|-------------------------|-------------------|
| • Java | • Spring Boot Framework | • MongoDB / MSSQL |
| • Python | • React Framework | • Kafka |
| • AWS | • Azure | • Docker |

EXPERIENCE

Turkish Armed Forces | *Software Developer (Reserve Officer)*

Ankara, TURKEY | 08.2024 – 08.2025

- Serving as a Reserve Officer in the Turkish Armed Forces as part of **one-year mandatory military service**, taking responsibility for tasks in a disciplined military environment.
- Improving **leadership**, **problem-solving**, and **decision-making** skills through daily duties and challenging situations.

Goctur | *Backend Developer*

Izmir, TURKEY | 04.2023 – 08.2024

- Created and optimized scheduled DAGs using **Python** in **Apache Airflow**, reducing manual workload by 30%
- Implemented several CI/CD pipelines for different projects using **Azure DevOps**, reducing deployment time by 50% and decreasing code failures by 30% with additional unit tests.
- Developed an effective system using **Kafka**, **MongoDB** and **Python** scripts to store device data, monitoring and sending email notification about status for IoT devices which registered on **Azure** IoT Hub
- Developing an abstraction layer for internal systems using **Flask** to integrate several third-party systems into the company's internal system.

Neurocess Limited | *Backend Developer*

London, UK | 11.2021 – 01.2023

- Utilized crontab and **Python** scripts for secure **AWS** Kinesis data transfer, improving efficiency by 40% with a substantial monthly data volume on **AWS S3**.
- Engineered serverless, automated systems with **AWS Lambda**, **Fargate**, **Step Functions**, and **MongoDB**, trimming operational costs by 30% and efficiently handling a high volume of daily transactions.
- Implemented significant enhancements to the Web Application using **React.js** and Desktop Application using **Electron.js**, resulting in a noticeable increase in user satisfaction.

EDUCATION

TED University | *Bachelor of Computer Engineering*

Ankara, TURKEY | 09.2017 – 06.2022

- Relational Databases
- Object-Oriented Programming, Data Structures, Algorithms with **Java**
- Operating Systems and Computer Networks

PROJECTS

Chat Application

(Side Project)

Modern, real-time chat application built with **Spring Boot** and **React**. Features secure **JWT** authentication, **WebSocket** based messaging, user last seen functionality, and a clean UI design for seamless communication.

Task Management Tool

(Side Project)

It is a full-stack web application built with **Spring Boot** on backend and **React** on frontend that allows users to efficiently manage their tasks.

Batch Processor

(Side Project)

Optimizing data transmission with **Python**-based Batch Generator. Ideal for efficiently sending large datasets in compact packages. Elevate your data handling process with streamlined efficiency.

For more projects and detailed explanation: <https://barispinara.github.io/portfolio-website/>