

BARIS PINAR

Backend Developer

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SUMMARY

Computer Engineering graduate from TED University with a strong foundation in Java. Experienced on Python programming language and cloud technologies (AWS and Azure). Passionate about backend development and designing serverless architectures. Outside of technology, I enjoy travelling and am an avid chess player. Eager to stay at the forefront of the Computer Science field, continuously enhancing my skills and seeking new avenues for growth.

SKILLS

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

EXPERIENCE

Goctur | *Backend Developer*

Izmir, TURKEY | 04.2023 – Present

- 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 unittests.
- 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

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.

Ante GRUP | *Unity Developer Intern*

Ankara, TURKEY | 06.2021 – 09.2021

- Designed a *.NET Framework (WPF)* desktop application that streamlined the import and re-ordering of 3D model animations in Unity. This innovative tool saved developers an average of 25% in production time.

JotForm | *Backend Developer Intern*

San Francisco, U.S | 07.2020 – 09.2020

- Created a *Telegram-based JotForm Chatbot* system, facilitating 100+ users in creating and filling JotForm forms through Telegram, reducing form completion time by 50%

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

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.

Task Management Tool (Side Project)

Designed and developed a simple task management application using Java 17 with SpringBoot on the backend and React.js on the frontend. Users can create and manage tasks on their projects easily and effectively

Fatigue Analysis with EMG Signal (Bachelor Senior Project)

As part of a *collaborative team*, I focused on processing raw *EMG* data and designing an AWS serverless architecture for our fatigue analysis project. My role was instrumental in creating a scalable solution with real-world applications.

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