BARIS PINAR

Backend Developer

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EDUCATION

TED University | *Bachelor of Computer Engineering*   *Ankara, TURKEY* | **09/2017 - 06/2022**

TECHNICAL SKILLS

- **Python**
- **Java**
- **AWS**
- **Database (SQL / NoSQL)**
- **React**
- **Apache Airflow**
- **Docker**
- **Linux Server**
- **Spring Boot Framework**

PROFESSIONAL EXPERIENCE

Goctur | *Backend Developer*   *Aydın, TURKEY* | **05/2023 - Present**
- Working in **Azure** services to create a serverless system on IoT devices using IoTHub, App Services, and IoTHub Python SDK
- Developing DAGs in **Airflow** to create a scheduled and automated environment for managing several internal systems and monitoring devices.
- Working on the company's website to add new features on UI using **React TypeScript**
- Creating dynamic schedule scripts using the **Python** *APScheduler* module.

Neurocess Limited | *Software Developer*   *London, UK* | **11/2021 - 11/2022**
- Developed and implemented automated systems on **AWS** using Lambda, Fargate, S3, Step Machine, Athena, and Kinesis services to reduce operational costs by *35%*
- Created **Linux Server** maintenance system using pm2, crontab, and bash scripting to minimize server downtime by *40%*
- Designed UI projects using **React** and **Electron.js** which increased user engagement by *25%*
- Implemented Lambda scripts to automate data processing tasks using **Python** language
- It was developed and optimized backend services using **Python**, resulting in a *30%* decrease in server response time.

PROJECTS

- **Chat Application** | Side Project
  - Designing and developing a real-time chat application using *Spring Boot* and *React*, implementing features such as private messaging, and online/offline status using WebSocket API, resulting in a highly responsive and scalable platform
- **Batch Processor** | Side Project
  - Optimize data transmission with our Python-based Batch Processor. Ideal for efficiently sending large datasets in compact packages. Elevate your data handling process with streamlined efficiency.
- **Chess Game** | TED University CMPE211 Project
  - Basic 2D 2-player chess game using Java language.
- **Sentiment Analysis on Bitcoin** | TED University CMPE414 Project
  - Performed lemmatization and stop word removal on tweets for pre-processing. Implemented tf x idf and Gini index as feature selection methods to perform sentiment analysis on tweets.
- **Fatigue Analysis with EMG Signal** | *TED University Senior Project*
  - Developed a fatigue prediction system utilizing *Python*, *ML Models*, and *Signal-Processing* algorithms with an accuracy of 72% using EMG signal data