

Bariş Ayyıldız Software Engineer

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📍 Istanbul, Turkey

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About Me

Experienced software engineer with a solid foundation in computer science and skilled in front-end/full-stack development. Thrives in collaborative environments and delivers high-quality, user-centric applications. Focuses on producing top-quality code and devising creative solutions for intricate challenges.

Working Experience

TEA Networks

Backend Developer

Istanbul, Turkey

October 2023 - January 2024

Technologies: Java · Spring Boot · Kafka · MQTT · Docker · Kubernetes · PostgreSQL · TimescaleDB · Prometheus · Grafana

- Performed backend development using Spring Boot, Java, and Kafka, handling time-series data in PostgreSQL and TimescaleDB to ensure efficient data management.
- Implemented and maintained Kubernetes and Docker containers for deployment, ensuring scalability and reliability of the application.
- Utilized Prometheus and Grafana for monitoring purposes, ensuring optimal performance and identifying potential issues promptly.

Jotform

Frontend Engineer

Istanbul, Turkey

August 2022 - May 2023

Technologies: React.js · Redux · SCSS · Php · MySQL · Git · Github · Asana · Figma

- Reimplemented Jotform's old Import Data App using React.js, Redux, and Tailwind, resulting in improved performance and user interface.
- Collaborated with the Platform Team on Jotform's Wordpress and Salesforce integrations, utilizing React.js, Redux, CSS, PHP, and MySQL to achieve seamless integration and improve workflow.
- Conducted bug fixing and troubleshooting to ensure a smooth user experience.

Tuvis, acquired by Smartex.ai

FullStack Developer

Istanbul, Turkey

February 2021 - September 2021

Technologies: React.js · Python · Django · AWS · DynamodDB · Git · Github

- Conducted fullstack development with React.js and Python with Django Rest Framework.
- Implemented CI/CD pipelines using GitHub Actions and AWS CodeDeploy, ensuring seamless deployments.
- Leveraged AWS S3 and DynamoDB for storage and management.
- Conducted unit and integration tests for REST APIs to maintain code quality and functionality.

Educational Background

Gebze Technical University

Bachelor's Degree in Computer Science and Engineering

Kocaeli, Turkey

September 2019 - February 2024

GPA : 3.23

Relevant Courses: Object Oriented Programming · Data Structures and Algorithms · Discrete Mathematics · Algorithm and Design · Computer Organization · System Programming · Operating Systems

Mendel University in Brno

Faculty of Business

Brno, Czechia

February 2022 - June 2022

Erasmus Exchange Student

Relevant Courses: Software and Services Deployment · Machine Learning · Neural Networks in Applications · Theoretical Informatics

Certificates

- Redis Certified Developer
- OBSS CodeMaster Winner

Personal Projects

- Flight Search Api
 - **Technologies:** Java, Spring Boot, Docker, Swagger
 - REST API developed with Java Spring Boot.
- Wordle Clone
 - **Technologies:** React.js · SCSS
 - Cloned the popular game Wordle
- Vowel Classification in Turkish Language
 - **Technologies:** Python · Tensorflow · Keras · Numpy · JavaScript · FastAPI
 - Implemented a fullstack deep learning model that can classify Turkish Vowels.
- TV Series Tracker
 - **Technologies:** JavaScript · Node.js · Express.js · MongoDB
 - Implemented a full-stack application for tracking TV series.

Volunteer Experience

GTU C Laboratory

Tutor

Kocaeli, Turkey

March 2021 - June 2021

- Assisted freshman students in learning C programming.

GTU Computer Science Community

JavaScript Tutor

Kocaeli, Turkey

October 2020 - January 2021

- Taught JavaScript from beginner to moderate levels of proficiency.

Skills

Java · Spring Boot · Git · Github · Python · Django Rest Framework · Flask · Php · MySQL · PostgreSQL · MongoDB · Amazon DynamoDB · Redis · AWS · Docker · Apache Kafka · Linux · Kubernetes · JavaScript · React.js · TypeScript · Redux · Express.js · CSS

Languages

- **Turkish**
 - *Native/Bilingual Proficiency*
- **English**
 - *Full Professional Proficiency*