

METEHAN GÜNEN

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EDUCATION

Istinye University
B.Sc. Computer Engineering

Istanbul, Türkiye | 08.2022 - 06.2026

PROFESSIONAL EXPERIENCE

BGTS

Istanbul, Türkiye | 07.2025 – 08.2025

Intern

- Developed an asynchronous, non-blocking web service using Node.js, Express.js, Docker, and reactive programming.
- Implemented "/submit" and "/status" endpoints for data handling and status tracking.
- Collected performance metrics using Prometheus and visualized them with Grafana.
- Conducted load testing with k6 and optimized the system based on results.

ACHIEVEMENTS

Project Leader of ENPAS Project

Istanbul, Türkiye | 11.2024 – 03.2025

- Led the development of a smart parking system designed for disabled drivers
- Designed an ESP32-based embedded system to automate barrier control
- Integrated motor control logic, ultrasonic sensing, and wireless modules
- Coordinated a team of 5 engineers across hardware and software domains
- Submitted the project for TEKNOFEST 2025 under the Barrier-Free Living Technologies category

ADDITIONAL SKILLS

Technical Skills

Programming Languages: Python, C, C++, Kotlin, HTML, CSS, node.js, Bash

Libraries: pandas, numpy, matplotlib, scikit-learn, music21, tensorflow, keras, flask, express.js

Embedded Systems: Arduino, ESP32

Web & App Development: Android Studio, Firebase

Database Management: MySQL, SQL, PostgreSQL

Version Control: Git, GitHub

Tools & Technologies

VS Code, Arduino IDE, Android Studio, PyCharm

Trello, Notion, Docker

Soft Skills

Team Collaboration & Communication, Analytical & Critical Thinking, Fast Learner & Adaptable, Problem Solving

Languages

Turkish (Native), English (Upper-Intermediate)

EXTRA-CURRICULAR & INTERESTS

Volunteering:

- TEMA Foundation – Environmental Volunteer (2025–present)
- AFAD – Disaster and Emergency Volunteer (2023–present)
- Member of the BMO, Turkey

Music & Hobbies:

- Plays bass guitar, acoustic guitar, fretless guitar, electric guitar, and keyboard
- Active as a bass guitarist in Son Dördün
- Avid reader and film lover
- Coffee brewing