METEHAN GÜNEN

+90 544 411 6114   metehangnn@outlook.com   [LinkedIn](#)

SUMMARY

Final-year Computer Engineering student specializing in Backend Development and IoT with hands-on experience in API design, embedded systems, and real-time data processing. Skilled in building scalable server-side applications, integrating IoT devices, and applying AI/ML algorithms for biomedical solutions and automation. Strong collaborator with a track record of working in agile teams and delivering functional prototypes. Seeking backend/IoT engineering opportunities to bridge digital and physical systems.

PROFESSIONAL EXPERIENCE

i-Lab   **Istanbul, Türkiye | 08.2025 – Present**
Researcher
Conducting research in biomedical applications of Artificial Intelligence, embedded systems, and IoT solutions. Focus areas include developing innovative algorithms for healthcare, implementing smart device integrations, and exploring edge computing approaches for real-time biomedical data processing. Collaborate with a multidisciplinary team to design prototypes and validate concepts through experimental and simulation-based evaluations.

BGTS   **Istanbul, Türkiye | 07.2025 – 08.2025**
Intern
Built a scalable backend prototype using Node.js & Express, integrating PostgreSQL for structured data management.
Designed and documented REST APIs, improving backend efficiency and maintainability.
Participated in system architecture planning and contributed to code reviews for a 10-member internship cohort.

EDUCATION

Istinye University   **Istanbul, Türkiye | 08.2022 - 06.2026**
B.Sc. Computer Engineering

SKILLS

Technical Skills
Programming: Python, C, C++, Rust, Kotlin, SQL, HTML, CSS
Backend & Databases: Node.js, Express, MySQL, SQL, REST API design, PostgreSQL, Flask
IoT & Embedded Systems: Arduino, ESP32, Sensor Integration
Machine Learning/AI: TensorFlow, Keras, scikit-learn, pandas, numpy, YOLO, PyTorch
Tools & Platforms: Git/GitHub, Firebase, Android Studio, Docker, Trello, Notion

Soft Skills
Team Collaboration • Problem Solving • Analytical Thinking • Fast Learner • Adaptability

Languages
Turkish, English