

# Muhammed Furkan Atak

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## SUMMARY

I'm Furkan Atak, a **Computer Engineering student** at Marmara University with a strong passion for technology, innovation, and continuous learning. I thrive in dynamic environments, approaching challenges with adaptability and a problem-solving mindset. In addition to my academic pursuits, I actively follow industry trends and contribute to open-source projects. With strong communication skills and a collaborative spirit, I am eager to bring value to a forward-thinking organization and contribute meaningfully to its goals.

## EDUCATION

- **Marmara University**  
**Computer Engineering** (Expected Graduation: 2026)  
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management, Operating Systems
- **Uskudar Fen Lisesi** (2017-2021)

## Work Experience

- METAL YAPI (Software Developer Intern) :  
Gained hands-on experience in software development using .NET through API-based projects, with a strong focus on full-stack programming.
- TP-OTC (Türkiye Petrolleri Offshore Technology Center):  
Acquired practical experience in managing IT infrastructure, working with SQL databases, and maintaining network systems in real-world projects.

## SKILLS

- Programming Languages:  
C++, C, C#, JavaScript, CSS, Java, Python, Haskell, Kotlin, .NET
- Tools and Technologies:  
Unity, Linux, Git, REST APIs, Agile & Scrum, Wav2Vec 2.0, TensorFlow
- Databases:  
Microsoft SQL, MySQL, PostgreSQL, Firebase
- Web Development:  
HTML, CSS, React, Node.js

## PROJECTS

- **Full-Stack e-commerce Website** – Designed and implemented a full-stack e-commerce platform with React (frontend) and Node.js/Express (backend); included user authentication, product listing, cart, and checkout functionality.
- **BYS Student Information System** – Developed a console-based student management system enabling course registration, grade tracking, and communication with instructors.
- **Voice Emotion Recognition with Wav2Vec2** – Built a speech emotion recognition model using Wav2Vec2; handled data preprocessing, model training, and evaluation for real-world voice samples.
- **Task Management Web App** – Created a real-time task tracking app using React and Firebase, featuring user-specific assignments, status updates, and priority filtering for team collaboration.

## Links

- **Linkedin:** <https://www.linkedin.com/in/furkanatak/>
- **Github:** <https://github.com/furkanatak37>
- **Vercel:** <https://vercel.com/furkanatakwork-4091>

## LANGUAGES

- English / Advanced
- Turkish / Native

## CERTIFICATIONS & TRAINING

- **CS50:** Introduction to Computer Science – Harvard University (edX)
- **Algorithms:** Princeton University (Coursera)
- **Python for Data Science and Machine Learning:** Coursera
- **Git & GitHub for Beginners** – Udemy