Umut Şuataman

Computer Engineer

Contact Information

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Esenyurt, Istanbul

About Me

Computer Engineering graduate focused on modern web technologies and full-stack development. I build responsive, scalable web applications with React/Next.js and backend systems, with hands-on experience in database management, authentication, and API design. I also bring an applied AI/computer vision background (YOLOv8, TensorFlow), useful for teams building intelligent, data-driven web features.

Technical Skills

Frontend Development
- React.js, Next.js (SSR), responsive UI development, component-based architecture

Backend Development
- Node.js, Java (OOP, interface development), RESTful API logic, authentication & user management systems

Programming
- Python (OpenCV, YOLOv8), Java (OOP, multithreading), MySQL, Firebase, TensorFlow/Keras

Projects

- **Image Processor Webapp** — Full-stack app (Next.js + OpenCV) for image editing operations: crop, rotate, flip, resize. [github.com/suataman/image-processor-webapp]
- **Chat Sentiment App** — Full-stack chat application with real-time AI-powered sentiment analysis. [github.com/suataman/chat-sentiment-app]
- Also built an ML-based Heart Disease Risk Prediction model and a YOLOv8-based UAV detection system — see GitHub/Medium for AI & computer vision work.

Experience

TravelArt Website – TEKNOFEST 2022-2023

Back-End Developer, IEEE BAUN Student Branch
- Built backend modules for a tourism-tech web application.
- Implemented data management, user authentication, and content systems.
- Contributed across the full project lifecycle from planning to deployment.

MİSYA Combat UAV – TEKNOFEST 2024-2025

Software Department, MİSYA Student Community, Combat UAV team-TEKNOFEST
- Developed YOLOv8-based real-time object detection algorithms.
- Contributed to real-time system architecture and algorithm optimization.

Misya Havacılık ve Yazılım Teknolojileri A.Ş. – Autonomous UAVs 2025-2025

Intern, 20-Day Internship
- Worked on ROS2-based system integration, sensor data flow, and simulation environments (Gazebo, ArduPilot).

BTC Information Technologies Inc. – Enterprise Resource Planning (ERP) 2024-2024

Intern, 20-Day Summer Internship
- Gained hands-on exposure to SAP-based enterprise processes and data flows.

Education Balıkesir University – Bachelor's Degree in Computer Engineering GPA: 2.95 / 4.00
Data Science & ML Bootcamp – Huawei & Türkiye Yapay Zeka Akademisi (Certificate)

Languages English – Intermediate / Upper-Intermediate