MEHMET ÖRS   Software Engineer

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Personal Website: https://plokoon68.github.io/Portfolio-Website

ABOUT ME

I am a software engineer who has worked on various projects in artificial intelligence, deep learning, and full-stack development. I have completed courses and programs, and participated in competitions. With strong teamwork, project management, and fast learning skills, I have achieved success in national and international projects. My career goal is to focus on developing AI and cloud-based solutions and applications.

EDUCATION

ISTANBUL AYDIN UNIVERSITY   Istanbul, Türkiye

B.Sc. in Software Engineering (English); GPA: 3.62/4.00 (Graduated with High Honors | Ranked 2nd in Class)   *2021-2025*

JOHN VON NEUMANN UNIVERSITY   Kecskemét, Hungary

B.Sc., Major in Computer Science (ERASMUS); GPA: 4.00/4.00   *2024-2025*

INTERNSHIPS & EXPERIENCE

HAVELSAN   Istanbul, Türkiye

Software Engineer Intern   07.2025 - 08.2025

- Built full stack system for military vessels to detect & track objects in real time using Flask microservices, React, and MongoDB.
- Integrated YOLO for object detection & Transformers for risk scoring, achieving real-time performance with multi-threading.
- Migrated backend flask modules to Java Spring Boot + PostgreSQL (PostGIS) enabling geofencing and spatial queries.
- Dockerized project for seamless deployment.

TEKNO SÜRÜM   Istanbul, Türkiye

CV Engineer Intern   08.2024 - 09.2024

- Labeled Cow images with polygons in Cvat tool, trained YOLO model, and developed algorithms for cows safety.

TURKISH AEROSPACE INDUSTRY   Istanbul, Türkiye

Candidate Software Engineer   11.2023 - 05.2024

- Developed a flight management system using React, Node.js, Express.js, and MySQL.

CARETTA YAZILIM VE DANIŞMANLIK (SOFTWARE & CONSULTING)   Istanbul, Türkiye

AI - Full stack developer Intern   10.2023 - 11.2023

- Built a flower classification model using Transfer Learning (VGG-16) served via FastAPI backend and React frontend.

ELLUSION TECHNOLOGY   Istanbul, Türkiye

Software Team Member   11.2022 - 01.2023

- Developed web-based indoor navigation app using React & Node.js, implementing A* pathfinding algorithm.

CARETTA YAZILIM VE DANIŞMANLIK (SOFTWARE & CONSULTING)   Istanbul, Türkiye

ML Engineer Intern   08.2022 - 10.2022

- Implemented recommendation system using SVD++ and Pandas, deployed via Streamlit.

CERTIFICATIONS

- **Google - Tensorflow Developer Certificate**
- **Coursera - Deep Learning Specialization**
- **Udemy - Python for Data Science and Machine Learning Botcamp**

- Udemy - **The Complete SQL Bootcamp: Go From Zero To Hero**
All Certificates: https://drive.google.com/file/d/1aTgo42TNc66IlpbA07l1kvJ6czRR7_a7/view?usp=sharing

COMPETITIONS

- **Caretta Algorithm Competition**
  2nd place (15 teams) | May 2022
- **TÜBİTAK Efficiency Challenge 2022**
  6th place (63 teams) | August 2022
- **Teknofest- Hepsiburada Address Solution Hackathon**
  11th (255 teams) | September 2025
- **TÜBİTAK- International UAV Competition**
  3th (29 finalists) | September 2025

SELECTED PROJECTS

- **Deep Learning Model Developing App** (C++ - Crow, Deep Learning, Express-Node.js, JWT Authentication, React.js, Docker, Render.com, MongoDB)
- **Optimal Decision Maker App** (Express, React, MongoFB, Docker)
- **Real time video & map object tracking** (Flask, React, Yolo, Transformers, Postgis PostgreSQL, Spring, Docker)
- **Indoor navigation app** (Javascrip, A* Path finding)
- **Flower Classification App** (CNN - VGG 16, React)
- **Room Occupancy Prediction** (ML Random Tree)
- **UAV offboard mission control** (MavSDK, OpenCV)

BOOTCAMPS & PROGRAMS

- **Google ML Bootcamp (Inzva Academy, 2023)**: Selected among top 150/1750; covered deep learning, CV, NLP, TensorFlow.
- **Seeds for the Future (Huawei, 2023)**: Selected among top 30/5700; co-developed Metaverse Rehab App (2nd place globally).
- **Machine Learning Summer Camp (Miuul, 2023):** Covered traditional machine learning algorithms, developed a simple model for titanic dataset.

SOCIETIES

IAU IEEE - Chairman of Computer Society
- Organized valuable activities and events for society members.
- Conducted a C programming course personally.

SKILLS & LANGUAGES

- **Programming:** Python, Java, C++, JavaScript, SQL
- **Machine Learning:** TensorFlow, Scikit-learn, Pandas, NumPy,
- **Web:** React, Node - Express.js, Bootstrap, Flask, FastAPI, Go
- **Other:** Docker, Git, REST APIs, Agile/Scrum, OOP
- **Database:** PostgreSQL, MongoDB, MySQL
- **DevOPS:** Docker, CI/CD, Kubernetes, AWS
- **Languages:** English (B2+), Turkish (Native)

REFERENCES

Esat Tunahan TUNA	+90 538 035 94 90	HAVELSAN
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