

MEHMET SALIH OGUN, SOFTWARE ENGINEER

+905307973123 | ogunmehmetsalih@gmail.com

Greetings! I am a passionate and creative individual with a strong enthusiasm for technology and innovation. I approach technological challenges with curiosity and a problem-solving mindset, viewing technology not merely as a tool, but as a powerful means to drive meaningful change. I actively participate in various projects to gain hands-on experience and continuously expand my skill set. As a fast learner and a strong team player, I thrive in collaborative environments and enjoy exploring new technologies. My goal is to contribute to real-world solutions by leveraging my technical knowledge and creativity. Committed to continuous learning and self-improvement, I strive to maximize my potential and make impactful contributions to both the industry and the broader technological landscape.

EXPERIENCES

İTHİKA IT - Bursa, TURKIYE (February 2023 - September 2023)

- Project development using object-oriented programming principles with Python.
- Developing projects on threading modules to understand the principles of asynchronous programming.
- Understanding the basic commands and procedures of MSSQL.
- Implementing a simple library application using SQLite with Python.
- Understanding the basic logic of machine learning and deep learning.
- Developing an object detection project with YOLOV5.

FIRAT UNIVERSITY IT DEPARTMENT - Elazig, TURKIYE (November 2023 - July 2024)

- Huawei switch configuration
- Cisco switch configuration
- H3C switch configuration
- Remote intervention to layer 2 and 3 using ssh

SEARCLY - Bursa, TURKIYE (July 2024 - September 2024)

- Application of agile principles scrum, sprint, sprint review.
- Reporting and tracking bugs and completing tasks using Jira and other issue tracking tools.
- Cleaning and parsing big data.
- Visualizing data using Pandas, Numpy and Mathplotlib.
- Classification and regression projects to understand machine learning concepts.
- Understanding the working logic of CNN, LSTM and RNN models and developing an emotion detection project.
- Understanding the working logic of yoloV8 and FasterRCNN models and developing an object detection application from self-generated data.
- Understanding the logic of Vision Transformer and Zero Shot Learning.

TURKISH RADIO AND TELEVISION CORPORATION - Ankara, TURKIYE (February 2025 - June 2025)

- Perform system-level resource management and file operations using active Linux terminal commands.
- Enabling applications to run in an isolated environment using Docker containers, creating custom images with Dockerfile.
- Defining deployment and service objects in Kubernetes environment to scale and ensure accessibility of applications.
- Creating CI/CD processes using Jenkins; automatic build with code changes, push to Docker Hub and deploy to Kubernetes.
- Integrate Jenkins with Git-based triggering system using webhook and ngrok.
- Hands-on Kubernetes management features such as helm, rollout, rollback and label-selector.
- Learn the basic architecture of in-memory data systems such as Redis.
- Understand basic log collection and visualization processes using Elasticsearch, Logstash and Kibana (ELK stack).

EDUCATION

Firat University Faculty of Technology
Department of Software Engineering
2020-2025

SKILLS

- PYTHON
- MACHINE LEARNING
- DEEP LEARNING
- NUMPY
- PANDAS
- MATPLOTLIB
- OPENC
- OBJECT ORIENTED PROGRAMMING
- MSSQL
- THREADING AND MULTIPROCESSING
- BASH
- DOCKER
- K8S
- JENKINS

REFERENCES

- YAVUZ SELİM SERTOĞLU
Team Leader at ŞEKERBANK
Tel: +90 553 494 4048
- MEHMET VARIŞ
Vice President at TURKISH RADIO AND TELEVISION CORPORATION
Tel: +90 533 375 4058
- TUĞRUL UFUK DOĞAN
Expert Engineer at TURKISH RADIO AND TELEVISION CORPORATION
Tel: +90 533 375 4058
- ADEM TELLİ
Sr. Data Scientist at DORUK HOLDING
Tel : +90 534 668 00 04
Gmail : ademtelli@hotmail.com.tr
- ÖMER MİRAC KÖKÇAM
Research Assistant of FIRAT UNIVERSITY
Tel : +90 537 426 31 86
Gmail : omkokcam@firat.edu.tr