

# Muhsin Kılıç

[LinkedIn](#) | [GitHub](#) | [kmuhsinn@gmail.com](mailto:kmuhsinn@gmail.com) | +905377812189 | [Portfolio](#)

- Driving web platform optimizations for enhanced performance and user experience across complex systems.
- Trusted developer and team mate, improving engineering efficiency through cutting-edge technology and best practices.
- Experienced in developing scalable AI solutions and automation, streamlining processes and delivering critical features for teams

## Experience

[Evreka](#), Ankara, TR

06/2024- 10/2024

**Backend Developer** optimized the Evreka web platform, enhancing modules on the Evreka360 Web Platform team.

- Improved the Evreka web platform by resolving system issues and optimizing key modules such as engagement, operations, and asset management.
- Added new features and provided suggestions to enhance developer experience, contributing to increased platform performance and efficiency
- **Tech:** Python, FastAPI, Django, Graylog, Docker, Redis, Celery, PostgreSQL, MongoDB, Sentry, Prometheus, Grafana, New Relic, Cypress, Typescript, Jenkins, Jira, Slack, AWS, RabbitMQ, TCP

[Popleads](#) - [Imperum](#), Amsterdam, NL

04/2023- 05/2024

**Software Engineer** worked on the development of SOAR software, focusing on automation, API generation, and system monitoring. Integrated advanced modules for enhanced control and efficiency, and streamlined operations through automated agent deployment and management.

- Contributed to all components of Security Orchestration, Automation, and Response (SOAR) software.
- Developed and implemented an OpenAPI app generator, enabling one-click API creation from Swagger documentation.
- Integrated Velociraptor as a DFIR module, allowing control over all system PCs, executing scripts, and running commands via gRPC communication.
- Ensured automatic operation of agents on operating systems, streamlining deployment and management.
- **Tech:** React, GraphQL, Python, FastAPI, Elasticsearch, Docker, Redis, Celery, MongoDB, ELK, Prometheus, Grafana, AsyncIO, SOLID, TDD, System Design, Availability, Web Performance.

[Titra](#), Ankara, TR

03/2021- 03/2023

**Software Engineer** (09/2021-03/2023), developing advanced AI systems for model training, data processing, and real-time UAV control, while also creating platforms for data visualization and automation to enhance performance and efficiency.

- Developed and implemented deep learning, image processing algorithms, and machine learning models on various mini-computers including Raspberry Pi and Jetson Nano.
- Successfully tested these models on UAVs in flight, streaming data to ground stations in real time.
- Enabled live object tracking from the ground station by transmitting critical data back to the UAV, dynamically controlling the UAV's autopilot system.
- Designed and implemented a system to read autopilot messages within mini-PCs, routing signals to various components, ensuring seamless operation of all signals.
- Enhanced autopilot control through software-based modular designs, allowing for more detailed and flexible system oversight and command.
- Designed and developed a system for the AI team to expedite model training, preprocessing, prediction, and enable tracking of historical data, ensuring reusability and monitoring of past models and their layer outputs.
- Implemented a web-based platform to parse and display MRI data in sagittal, coronal, axial, and 3D views, facilitating better visualization and analysis of medical images.
- **Tech:** Typescript, Javascript, Electron, AngularJS, Python, UDP, TCP, RTSP, C++, gRPC, AsyncIO, MAVSDK, MAVLink, Jenkins, Canvas, AWS, Gimbal Cameras, System Design, Availability.

**Mobile application developer** (03/2021-09/2021) on Mobile Products creating mobile applications for liveness detection and face recognition system.

- Developed a data collection app used by **50+** users and a turnstile access application with a **99%** accuracy rate for liveness detection and face recognition models, while also developing an admin web platform for user

management and system tracking, overseeing the project end-to-end to ensure its successful completion.

- **Tech::** Kotlin, Java, NodeJS, MongoDB, Template Engines(EJS, pug), CNN, Integrate AI Models to Mobile Apps, System Design

## **Courses**

---

[DevOps Beginners to Advanced with Projects](#), [RabbitMQ In Practice](#), [Web Developer Bootcamp](#), [Sıfırdan Zirveye Javascript ve NodeJS](#), [Ultimate React Course](#), [Angular The Complete Guide](#), [Coursera Deep Learning Specialization](#), [Deep Learning A-Z Python Derin Öğrenme](#), [Android Mobil Uygulama İleri Seviye](#), [The Ultimate React Course 2024](#)

## **Education**

---

Gazi University, B.S Computer Eng.

2016 - 2021