

# MUHAMMAD SAIFULLOH

[MESSAGE](#) | [EMAIL](#) | [WEBSITE](#) | [LINKEDIN](#)

High-performing Engineer specializing in backend systems and infrastructure orchestration. Expert in Golang, Javascript and Python for high-throughput data processing. Experienced in managing industrial data pipelines using Docker,, and gRPC. Proven track record in bridging edge devices to cloud environments with high availability.

## EDUCATION

---

**AMIKOM YOGYAKARTA UNIVERSITY - YOGYAKARTA, INDONESIA** 2021-2025

Bachelor Degree in Computer Engineering (**IPK: 3.44 / 4.00**)

- Studied networking and design.
- Developed expertise in programing, troubleshooting, and implementasion.
- Building IoT system . related in smart home , smart farming, embanded and comuniccation over networking.

## ORGANIZATIONAL EXPERIENCES

---

**AMIKOM ASSISTANT FORUM - YOGYAKARTA, INDONESIA** 2022-2023

Assisted in pratical sessions and guided students in computer networks, web development, graphic design, and operating systems.

## WORK EXPERIENCES

---

**-| IT IOT DEVELOPMENT SPV | PT Pesta Pora Abadi** MEY 2025 - PRESENT

- System Orchestration: Developed and maintained containerized microservices using Docker to ensure 99.9% uptime for factory monitoring systems.
- Backend Engineering: Built high-performance data ingestion layers using Go (Golang) to handle real-time telemetry from thousands of industrial datas.
- CI/CD Pipeline: Automated firmware and software deployment processes using GitHub Actions, reducing deployment lead time .
- Connectivity Stack: Implemented gRPC and Webhooks for low-latency communication between on-premise servers and cloud dashboards.
- Network Infrastructure: Configured and optimized local network services including mDNS, ZeroConf, and UTP Crimping standards for robust factory floor connectivity.

**-| FREELANCE HARDWARE & IoT DEVELOPER** 2020 - PRESENT

Developed custom IoT solutions for clients, specializing in smart home automation, remote monitoring systems, and embedded systems. Designed and programmed micro controllers (ESP Series, STM Series, Arduino) using C/C++ and MicroPython. Successfully deployed over 25+ IoT projects, enhancing automation and efficiency based on client requests.

## TECHINAL SKILLS

---

- Languages: Go (Golang), Python, JavaScript (Node.js), PHP.
- Infrastructure: Docker, CI/CD, GitHub Actions.
- Data/API: gRPC, MQTT, REST API, Webhooks, Redis, PostgreSQL.
- Systems: Linux Server, mDNS, ZeroConf, Web Server (Nginx/Apache).