

AGUS SYAHRIL MUBAROK

SOFTWARE ENGINEER

- ❖ Central Jakarta, Indonesia
- ❖ +62 812-2245-1257
- ❖ agussyahrilmubarok@gmail.com

Software Engineer with a strong background in software development, system architecture, and cloud computing. Experienced in building and optimizing production-grade applications, with a focus on improving efficiency, scalability, and performance. Proficient in backend development, distributed systems, and cloud infrastructure.

WORK EXPERIENCES

Software Engineer - Hand Enterprise Solutions Indonesia

September 2024 - Present

- Improved production-level UNIQLLO systems to ensure high performance and stability.
- Monitor system performance and service health using Grafana, Prometheus, and Graylog.
- Respond to incidents and ensure high availability and reliability of services.
- Collaborate with business teams to make adjustments based on customer needs.

Backend Engineer - MZS Software House

December 2021 - October 2023

- Developed and maintained scalable backend systems using Go language.
- Designed and optimized databases (PostgreSQL, MySQL and Mongo).
- Built RESTful APIs and integrated them with frontend clients and third-party services.
- Implemented microservice architecture with asynchronous communication using Kafka.
- Implemented CI/CD pipelines and automated deployment using Docker, Kubernetes.

Process Engineer - PT Astra Honda Motor

December 2017 - November 2019

- Develop and monitor die casting parameters to ensure product quality and process stability.
- Collaborate with maintenance, quality, and production teams to resolve operational issues.
- Document standard operating procedures and control plans for die casting processes.

IT Support - Axioo Class Program

September - November 2016

- Troubleshoot and resolve technical issues related to Windows, Microsoft Office, email, and other common business applications.
- Monitor and maintain IT assets, perform regular updates, patches, and backups.
- Support IT-related projects such as software rollouts, network upgrades, or security implementations.

RELATED SKILLS

- ❖ **Programming Language**

Go, Python, Java, Spring Framework.

- ❖ **Tools & Technologies**

Distributed Systems, Linux System, Networking, Kafka, CI/CD, Cloud Services (AWS), Containerization, Kubernetes, Monitoring & Logging (Prometheus, Grafana, ELK, Graylog, OpenTelemetry), Database and Storage Management, Software Instrumentation.

- ❖ **Soft Skills**

Analytical Problem-Solving, Collaboration & Team Communication, Ownership.

EDUCATIONAL BACKGROUND

- ❖ **Universitas Islam Al-Ihya Kuningan, 2020- 2024**

Bachelor of Computer Science in Informatics, GPA: 3.88

Thesis : Development of Prototype Automatic Waste Classification System based on Robotics and Machine Learning.

- ❖ **SMK Pertiwi Kuningan, 2014- 2017**

Computer and Network Engineering

Final Project : IoT-based Smart School System Design and Implementation.

COURSE AND CERTIFICATION

- ❖ **Mobile Development (Android)** - Bangkit Academy, February - July 2024.

Mastered Kotlin, Android SDK, and modern design. Developed user-friendly mobile apps and integrated AI technologies for personalized experiences and predictive analytics.

- ❖ **Backend Developer (NodeJS)**, Dicoding Indonesia, January - September 2023.

Specialized in Node.js, RESTful APIs, and microservices architecture. Strengthened skills in JavaScript, Hapi.js, Express.js, and database management to build scalable and secure backend solutions.

- ❖ **Scalable Web Service (Go)**, Digital Talent KomInfo, February - June 2022.

Gained expertise in Go's concurrency model, performance optimization, and scalable architecture. Built high-performance web services for handling high traffic and complex data processing.

ADDITIONAL INFORMATION

- ❖ Site : <https://agussyahrilmubarok.github.io>

- ❖ LinkedIn : <https://www.linkedin.com/in/agus-syahril-mubarok>

- ❖ GitHub : <https://github.com/agussyahrilmubarok>

- ❖ Medium : <https://agussyahrilmubarok.medium.com>