

# **AGUS SYAHRIL MUBAROK**

## **SOFTWARE ENGINEER**

❖ Central Jakarta, Indonesia  
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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 UNIQLO 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>