# AGUS SYAHRIL MUBAROK
## SOFTWARE ENGINEER

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A dedicated and results-driven Software Engineer transitioning to DevOps, with expertise in software development, system architecture, and cloud computing. Experienced in developing, debugging, and optimizing production-level applications, I am now expanding my expertise in CI/CD automation, infrastructure as code (IaC), and cloud-native technologies. Passionate about optimizing development workflows, improving system reliability, and automating infrastructure to solve real-world challenges.

## RELATED EXPERIENCES

**Software Engineer** - Hand Enterprise Solutions Indonesia

*September 2024 - Present*

➢ Analyze background warnings and promptly report issues for timely resolution.
➢ Monitor systems, perform initial data analysis, and collaborate with the business team to make adjustments based on customer needs.
➢ Oversee and optimize system performance, collect data for performance enhancement, and collaborate with the technology team on secondary system development.

**Software Engineer** - MZS Software House

*December 2021 - October 2023*

➢ Engineered and optimized backend systems and web applications using Golang and PHP frameworks (Laravel, CodeIgniter), ensuring scalable and maintainable solutions.
➢ Designed and maintained microservice architectures and APIs, ensuring high performance, scalability, and seamless integration with external services.
➢ Developed and deployed full-stack web applications, integrating backend with frontend for seamless functionality and solving complex business challenges.
➢ Collaborated with cross-functional teams, conducted code reviews, and provided guidance to team members to ensure high-quality software delivery and adherence to best practices.

## RELATED SKILLS

**Programming Language**
Go, Python, Java, Spring Framework.

**Tools & Technologies**
Distributed Systems, Linux Administrator, Networking, Kafka, CI/CD, Cloud Services (AWS, GCP), Containerization, IaC, Kubernetes, Monitoring & Logging (Prometheus, Grafana, ELK, Graylog, OpenTelemetry), Software Instrumentation.

**Soft Skills**
Observability, Analytical Problem-Solving, Collaboration, Adaptability & Continuous Learning.

# 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 app 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://mrschwartx.github.io
❖ LinkedIn : https://www.linkedin.com/in/agussyahrilmubarok
❖ GitHub   : https://github.com/mrschwartx