AGUS SYAHRIL MUBAROK
SOFTWARE ENGINEER

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A dedicated and passionate software engineer with a strong interest in software development, system design, cloud computing, and machine learning. Skilled in writing, debugging, and testing code, I have made significant contributions to production-level software development, delivering robust functionalities and seamless performance. I am currently seeking opportunities to further develop my skills and tackle real-world challenges.

RELATED EXPERIENCES

Software Engineer - Hand Enterprise Solutions Indonesia
September 2024 - Present

❖ Conduct data analysis of background warnings and promptly report issues to ensure timely resolutions.

❖ 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 feature-rich web applications, integrating backend systems with frontend for a seamless user experience and addressing complex business needs.

❖ 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	: Go, Java, Spring, Python.
Tools & Technologies	: Cloud Services, Containerization, Networking, Monitoring Tools Tools, Distributed System, Linux, Microsoft.
Soft Skills	: Team Collaboration, Leadership, Analytical Problem Solving, Effective Communication.

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 Perwiti 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. Engaged in an intensive program focused on Android development, mastering the intricacies of mobile application design, development, and deployment. Acquired advanced skills in Kotlin, Android SDK, and modern development practices to build robust and user-friendly mobile applications. Additionally, integrated AI technologies to enhance app functionalities, such as implementing machine learning models for personalized user experiences and predictive analytics.

❖ **Backend Developer (NodeJS)**, Dicoding Indonesia, January - September 2023. Completed a comprehensive backend development bootcamp, specializing in NodeJS. Gained expertise in building scalable server-side applications, RESTful APIs, and microservices architecture. Enhanced proficiency in JavaScript, Hapi.js, Express.js, and database management, ensuring efficient and secure backend solutions.

❖ **Scalable Web Service (Go)**, Digital Talent KomInfo, February - June 2022. Participated in an extensive training program on scalable web services using Go. Developed a deep understanding of Go's concurrency model, performance optimization,and best practices for building high-performance web services. Implemented scalable solutions that handle 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