

BRILIANDO SIMARMATA

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PROFESSIONAL SUMMARY

Results-driven Fullstack Web Developer with over 4 years of experience engineering scalable ERP systems and high-traffic financial technology solutions. Proven track record in optimizing backend performance, modernizing legacy systems, and accelerating development lifecycles using AI. Adept at bridging the gap between technical execution and business requirements, frequently acting as a technical consultant and architect to deliver high-impact, maintainable software solutions.

WORK EXPERIENCE

Indonesia Financial Group (IFG)

Jakarta, Indonesia

Backend Developer

October 2024 – Present

- Engineered and maintained highly scalable backend microservices and event-driven architectures using Quarkus, reliably processing approximately 100,000 daily API requests for the 'One by IFG' application.
- Accelerated backend development lifecycles by 75% (reducing feature delivery time from 2 days to 0.5 days) by strategically integrating Agentic AI into the coding and debugging workflow.
- Partnered directly with Product Owners to analyze business requirements, ensuring accurate translation of complex financial workflows into scalable system features for KYC (Know Your Customer) and mutual fund transactions.

PT Sofco Graha

Jakarta, Indonesia

Fullstack Web Developer

August 2021 – September 2024

- **Software Architecture:** Architected scalable backend API design patterns by implementing a strict N-tier layered architecture (Presentation, Service, Repository) in Java, significantly improving code maintainability and establishing structural best practices for the engineering team.
- **Performance Optimization (Client: PT Marganusantara Jaya):** Drastically reduced data processing time for 1,000-row Excel uploads from over an hour to under 10 seconds by optimizing Java memory allocation and tuning PostgreSQL database connections.
- **System Modernization (Client: PT Marganusantara Jaya):** Engineered a custom desktop printer application with custom URL protocol handlers (similar to Zoom's launch mechanism) to replace deprecated Adobe Flash. This enabled seamless dot-matrix printing directly from modern web browsers, successfully deployed across 36 national branches.

- **Technical Consulting & Development (Client: PT Golden Marindo Persada):** Acted as a technical consultant, conducting direct requirements gathering with clients, providing strategic feedback, and drafting technical specifications for ERP enhancements.
- **Workflow Automation (Client: PT Golden Marindo Persada):** Architected an automated Excel-based catalog generator for marine biota exports; enabled automatic invoice generation upon customer upload, significantly streamlining the client's sales and order fulfillment pipeline.
- **Supply Chain Tracking (Client: PT Golden Marindo Persada):** Enhanced QR code scanning infrastructure to provide real-time tracking of packaging and shipping workflows, improving operational visibility.
- **Infrastructure & CI/CD:** Automated application deployments by configuring Jenkins and Docker, and established scalable cloud environments using AWS EC2 instances.
- **Database Management:** Successfully led the complex database migration from Oracle to PostgreSQL for a large-scale ERP system, ensuring zero data loss and maintaining structural integrity.
- **Developer Productivity:** Developed reusable library kits and optimized overall application UI load times, API response rates, and database queries.

EDUCATION

Universitas Singaperbangsa Karawang	Karawang, Indonesia
<i>Bachelor of Science in Informatics Engineering</i>	Graduated 2023
Juaracoding Bootcamp	Indonesia
<i>Fullstack Developer Program</i>	July 2021

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript/TypeScript, Python, PHP, SQL
- **Databases:** PostgreSQL, Oracle, MySQL (Proficient in Stored Procedures, Functions, Triggers, Query Tuning)
- **Backend Frameworks:** Spring Boot, Quarkus, Micronaut, Express.js, Node.js
- **Frontend Frameworks:** Angular, React.js, Tailwind CSS, Bootstrap
- **DevOps & Cloud:** AWS EC2, Docker, Jenkins (CI/CD), Linux, Shell Scripting
- **Architecture & Tools:** Microservices, Event-Driven Architecture, API Gateway, Message Brokers, MVC, Clean Architecture, Git, SVN, JPA, Hibernate, Apache POI, Jasper, Tomcat, JBoss