ARI WIRA ATMAJA

+6289638700116 | ariwiraatmaja@gmail.com | LinkedIn | GitHub | Website | Bekasi, ID

SUMMARY

High-impact Backend Engineer specializing in Event-Driven Architecture (EDA) and real-time data processing. Proven track record in architecting CDC pipelines and high-throughput streaming using Solace and Apache Flink. Expert in building memory-efficient asynchronous systems and achieving zero-vulnerability codebases (SonarQube) for enterprise-scale applications.

EDUCATION

UNIVERSITAS BHAYANGKARA JAKARTA RAYA — Bekasi, ID
Bachelor of Informatics — Aug 2018 - Sep 2022

EXPERIENCE

DIVISTANT — Jakarta (Hybrid)
Backend Developer — Feb 2024 – Present

- Optimized system reliability and security by eliminating 100% of critical security and maintainability issues in SonarQube, while reducing technical debt by driving code smells down to under 20, ensuring a production-ready and enterprise-grade codebase.
- Architected a real-time streaming pipeline using Apache Flink and Solace, implementing an asynchronous multi-queue orchestration for unified downstream consumption.
- Engineered a robust CDC system with Debezium and Spring Cloud Stream, automating real-time synchronization of enterprise database tables with complex XML-to-JSON field mapping

PHINTRACO CONSULTING — Jakarta
Backend Developer Intern — Jul 2023 – Sep 2023

- Engineered and deployed robust RESTful APIs using Go and Java/Spring Boot, implementing clean architecture and custom middleware for authentication and logging.
- Collaborated to deliver a full-cycle E-commerce MVP, focusing on database schema design and complex business logic implementation.
- Demonstrated high technical adaptability by mastering enterprise-grade patterns (DI, AOP, Concurrency) across two different programming ecosystems within a 3-month period.

PROJECTS

Bulk Data Excel (Github Repository)

- Architected a non-blocking asynchronous processing engine using Go (Gin) and Redis/Asynq, decoupling file parsing from API threads to maintain high server availability and system responsiveness under heavy load.
- Optimized database write performance through batch insert operations in PostgreSQL, significantly reducing transaction overhead and latency for processing thousands of rows per job.
- Engineered a memory-efficient ingestion pipeline capable of processing 100MB+ Excel/CSV files by implementing Excelize streaming mode, preventing memory overflows (OOM) and ensuring minimal resource footprint during massive data imports.

Tech Stack: Go (1.21), Gin, Redis, Asynq, PostgreSQL, Docker.

SKILLS

Languages: Go (Golang), Java, SQL.
Frameworks: Spring Boot, Gin/Echo.
Event-Driven & Data Engineering: Solace PubSub+, Apache Flink (Streaming), Debezium (CDC), Message Queuing.
Database: PostgreSQL, MySQL, Redis.
Architectural Patterns: Clean Architecture, Event-Driven Architecture (EDA), Microservices.