



Hafiz Hisbullah

BACKEND SOFTWARE DEVELOPER

Jakarta, Indonesia

ABOUT ME

Backend Software Developer with 4+ years of experience building and operating production-grade systems for enterprise applications. Specialized in transactional consistency, inventory ledger design, and asynchronous processing.

TECHNICAL SKILLS

LANGUAGES & FRAMEWORKS

Java (Springboot)

Quarkus

MVC Architecture

DATABASES

PostgreSQL

Oracle

Redis

MESSAGING & DEVOPS

ActiveMQ

Kafka

Docker

TOOLS

Maven

Swagger

Postman

EDUCATION

Universitas Negeri Padang

Aug 2015 - Feb 2022

GPA: 2.93

TOEFL: 503

ORGANIZATIONS

- Himafi
- Kerohanian
- Electronics Lab Assistant

PROFESSIONAL EXPERIENCE

DEC 2022 - PRESENT

Backend Developer

PT. Infosys Solusi Terpadu (Antam Logam Mulia)

- Designed, developed, and maintained core backend services supporting transaction processing, inventory movement, and system integration.
- Acted as the primary engineer responsible for the Transaction Service, ensuring correctness of balance changes, validations, and error handling across high-volume workflows.
- Designed and Develop a reusable ExcelBuilder and a robust asynchronous base reporting framework capable of:
 - Multithreaded report generation
 - Safe cancellation of long-running jobs
 - Failure detection and recovery
 - Reliable handling of large report workloads
- Designed and Develop a ledger-based inventory system that accurately records historical stock movements and ensures data traceability; validated through stress testing under increasing data volume.
- Developed an Integration Service serving as middleware between internal services and E-Mas (Antam's core platform).
- Integrated external systems including shipment providers (JNE, SAP, PAXEL) and Nakula Sadewa queue management service.
- Implemented message-driven processing using JMS to decouple services and improve system reliability.
- Applied caching strategies and query optimizations to improve performance at scale.
- Reviewed code, supported production issue resolution, and mentored junior developers on backend best practices.

● APR 2022 - FEB 2023

Backend Developer

PT. Infosys Solusi Terpadu (Bank BSI SuperApp)

- Designed and implemented a base approval framework that can be easily applied to any CRUD operation across backend services.
- Developed backend services for a large-scale banking application with strict reliability and security requirements.
- Implemented message-based communication for audit, transaction, and notification workflows.
- Built scheduled background jobs for data synchronization with middleware systems.
- Improved authentication and authorization mechanisms to support extensibility and developer usability.
- Implemented asynchronous processing and push notification features to handle heavy workloads efficiently.

● AUG 2018 - JUN 2021

Freelance IoT & Software Developer

Self-Employed

- **Automated Systems:** Developed automated fish feeders, GPS tracking devices, and environment monitoring systems using Arduino and Python.
- **Industrial IoT:** Built a waste cleaner using plasma dielectric barrier discharge and created applications to analyze radar data.