

AKBAR KURNIA HERNADI

Central Jakarta • +6282138690989 • akhernadi@gmail.com • linkedin.com/in/hernadiakbar

Backend Java Developer

Professional Summary

Middle Backend Engineer with **3+ years of experience** in Java Spring Boot. Currently mentoring 2 junior developers while contributing to core backend systems at Bank Negara Indonesia (BNI). Proven track record delivering critical lending features such as installment conversion, credit card activation, cash fund disbursement, insurance integration, credit limit adjustments, and loyalty point systems. Proficient in building scalable services using Kafka, Redis, and REST APIs. Experienced working in Agile teams with a strong emphasis on clean code, testing, and performance optimization.

Core Technical Skills

Languages & Frameworks: Java 17, , Node.js, Spring Boot, Express, Spring Cloud, Spring Security, WebFlux

Databases: OracleDB, PostgreSQL, MongoDB

Caching & Search: Redis, Elasticsearch

Messaging & Streaming: Kafka, RabbitMQ

Middleware & API Management: webMethods, 3scale API Gateway

DevOps & Tools: Docker, OpenShift, Jenkins, CI/CD pipeline, Git, Kibana, Grafana

Concepts: Microservices Architecture, RESTful API, System Design, Reactive Programming, API Gateway, OAuth2, Scalability, Performance Tuning

Soft Skills: Agile & Scrum, Code Review, Team Mentoring, Cross-functional Collaboration

WORK EXPERIENCE

PT. Swadharma Duta Data

06/2024 - Present

Backend Developer

Client: Bank Negara Indonesia (BNI) Banking industry experience allows effective communication between technical and business stakeholders.

- Built core banking and lending features (e.g. credit card activation, convert to installments, credit card change limit) with Java & Spring Boot, boosting delivery efficiency by 25%.
- Enhanced API latency by 35% for 50K+ daily users through reactive WebFlux migration.
- Integrated Kafka for real-time data streaming and utilized Kibana for log monitoring, enhancing incident response time by 40%.
- Collaborated with PMO, QA, and vendor (Accenture) teams in Agile sprints to ensure business alignment and timely delivery.
- Tech Stack: Java, Spring Boot, WebFlux, OracleDB, Kafka, Kibana, Git, REST API, Redis, Openshift, Jenkins, Glt

PT. Pegadaian

02/2023 - 05/2024

Middleware Engineer

Deployed services on OpenShift, ensuring scalability and container orchestration in production. Domain knowledge in finance and insurance ensured technical accuracy aligned with regulatory needs.

- Designed and implemented host-to-host insurance integration (Askrida Syariah, Takaful, Jamkrindo) using webMethods and 3scale for secure API management.
- Enabled real-time insurance data exchange that improved claim validation time by 60% and reduced manual intervention.
- Centralized operational monitoring using Elasticsearch and Kibana, improving troubleshooting efficiency.
- Managed API governance, rate limiting, and authentication policies using webMethods API Gateway, ensuring secure and standardized service integrations across insurance partners.

- Tech Stack: Java, Spring Boot, ElasticSearch, WebMethods, 3scale, OpenShift, REST API, Git, PostgreSQL

PT. Ventura Koin Nusantara
Backend Developer

08/2022 – 01/2023

Hands-on experience with the fintech ecosystem and digital payments.

- Built payment and withdraw systems from scratch and integrated with Xendit & Durianpay (third party API), ensuring secure transaction flows for 1K+ users.
- Reduced transaction failure rate by 25% by enhancing error handling and retry mechanisms.
- Tech Stack: Java, Spring Boot, PostgreSQL, Git

PT. Altech Omega Andalan
Fullstack Engineer

01/2022 – 07/2022

- Developed ERP modules for SMEs using Node.js + React, automating finance & inventory flows.
- Reduced manual workload by 40% through workflow automation and report generation.
- Tech Stack: JavaScript, Node.js, React, MongoDB, GraphQL, Git

Halo BCA
Social Media Officer

09/2019 – 08/2021

Built foundational understanding of customer experience in the financial services industry.

- Provided front-line support for BCA products via social media & digital platforms.
- Managed high-volume customer interactions, improving response time and increasing CSAT scores.

EDUCATION

Bachelor of Informatics Engineering

Universitas Amikom Yogyakarta

09/2014 – 04/2018

- Specialized in Computer Networking
- Thesis on "Building a Community-Based Wi-Fi Hotspot Network (RT/RW Net) as an Affordable Internet Solution: A Case Study in Ngreco Village, Weru District, Sukoharjo Regency".

CERTIFICATIONS

Graduate Fullstack Javascript Bootcamp

09/2021 – 12/2021

Hacktiv8

The Basic of Scrum

Project Management Institute

Basic of Disciplined Agile

Project Management Institute