

AKBAR KURNIA HERNADI

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Backend Java Developer

Professional Summary

Middle Backend Java Developer with **4+ years** of experience in **Java Spring Boot**, currently working at Prudential Syariah. Experienced in developing backend services for insurance, banking, lending, credit card, and customer platform systems.

Previously contributed to several business-critical features at Bank Negara Indonesia (BNI), including credit card activation, installment conversion, cash fund disbursement, insurance integration, credit limit adjustment, and loyalty point systems. During my time at BNI, I also **mentored 2 junior developers** and supported them through code reviews, technical guidance, and day-to-day development collaboration. Skilled in REST API development, microservices, Kafka, Redis, OracleDB, PostgreSQL, Docker, OpenShift, and CI/CD. Experienced in working with cross-functional teams and delivering reliable backend solutions in Agile environments.

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

Prudential Syariah

03/2026 – Present

Backend Developer

- Developed and maintained backend services for Sharia-compliant insurance products
- Designed scalable APIs to support policy management, claims, and customer platforms
- Collaborated with cross-functional teams to deliver new product features and enhancements
- Ensured system reliability, security, and compliance with Sharia and regulatory standards
- Optimized database performance and improved service efficiency
- Participated in code reviews, testing, and deployment processes

Bank Negara Indonesia

06/2024 – 03/2026

Backend Developer

- 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, Git

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

08/2022 - 01/2023

Backend Developer

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

01/2022 - 07/2022

Fullstack Engineer

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

Halo BCA

09/2019 - 08/2021

Social Media Officer

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 in Informatics Engineering

Universitas Amikom Yogyakarta • GPA: 3.25/4.00

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

SKILLS

Agile, CI/CD, Docker, ElasticSearch, Git, Java, Jira, Kafka, Kibana, Microservices, OpenShift, OracleDB, PostgreSQL, Redis, Spring Boot, SQL, WebMethods