

AZIS HAPIDIN

Senior Software Engineer | Backend Specialist

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PROFESSIONAL SUMMARY

Senior Software Engineer with 9+ years of experience building high-performance backend systems, including a platform processing up to 4 million daily transactions. Specializes in Java Spring Boot and PHP Laravel, with proven expertise in commodity trading platforms, clearing & settlement engines, payment systems, and e-commerce backends. Experienced in leading engineering teams, designing scalable system architecture, and delivering production-ready software.

PROFESSIONAL EXPERIENCE

Senior Software Engineer | ICDX Group | Jakarta, Indonesia

February 2023 – Present

- Collaborated with CTO, division heads, and cross-functional teams to design and deliver solutions for a regulated commodity exchange.
- Built a real-time matching engine for trade execution with latency under 50ms and high throughput.
- Developed a reporting system integrated with multiple data sources, supporting up to 4 million transactions per day.
- Integrated external APIs to streamline data flow and reduce manual operational processes.
- Standardized technical documentation for ICDX members, improving developer onboarding and third-party integration.
- Implemented automated monitoring and alerting, reducing critical incident resolution time by 30%.

Online Lecturer | FastCampus | Remote

August 2024 – August 2026

- Created and delivered two comprehensive Laravel courses (351 videos, 83+ hours): Fullstack Developer with PHP, Laravel, Vue JS & Nuxt JS, and Laravel Advanced Development: From Architecture to Production.
- Designed real-world case study architectures: E-Commerce Backend and Stock Exchange system.
- Mentored students through discussion forums and conducted live Q&A webinars.

Software Engineer | PT. Dengan Senang Hati | Bandung, Indonesia

December 2020 – January 2023

- Developed and maintained a commodity trading application; reduced backend API latency by 20% and achieved 85% unit test coverage on critical workflows.
- Built a gold monitoring and financial reporting system for a clearing institution, processing 2 million+ daily transactions.
- Designed a POS backend system and guided frontend developers on API integration.

Technical Leader | PT. Titik Terang Teknologi | Bandung, Indonesia

November 2019 – December 2020

- Led cross-functional development teams; translated business requirements into technical plans and managed end-to-end project delivery.
- Designed system and database architecture; managed cloud infrastructure and production server deployments.
- Integrated 7+ payment gateways: Midtrans, Xendit, PayPal, OVO, DANA, BCA VA, and Shopee Pay.
- Mentored junior developers through structured code reviews and hands-on guidance.

Backend Developer | PT. Titik Terang Teknologi | Bandung, Indonesia

March 2018 – November 2019

- Facilitated client requirement meetings and technical demonstrations to align product delivery with business needs.
- Built REST APIs and admin panels for web and mobile applications; defined API contracts with frontend, iOS, and Android teams.

Software Engineer | Mootaa | Bandung, Indonesia

March 2017 – April 2018

- Built automated data pipelines to collect and process real-time financial data from 5 major Indonesian banks (BCA, Mandiri, BRI, BNI, Muamalat).
- Designed microservices architecture and a developer playground to streamline third-party API integration and support scalable growth.

PERSONAL PROJECTS & OPEN SOURCE

- [indoregion](#) — Laravel package for comprehensive Indonesian regional data (Province, Regency, District, Village). 274+ GitHub stars · 86+ forks.
- [DevToolKit](#) — Suite of 34 free browser-based developer utilities — JSON formatter, JWT decoder, AES encrypt/decrypt, regex tester, and more. Fully client-side, built with Nuxt.js on Cloudflare Pages.
- [CronHelper](#) — Visual cron expression builder with export for Linux, GitHub Actions, Kubernetes, and Vercel.
- [FakerID](#) — Indonesian dummy data generator: NIK, NPWP, KTP, phone number, bank account.
- [RegexHelper](#) — Online regex tester with 12+ Indonesian-specific presets (NIK, NPWP, phone).
- [DummyFile](#) — Sample file downloader for testing: PDF, DOCX, XLSX, JSON, MP4, ZIP, and more.

LICENSES & CERTIFICATIONS

- [Introduction to Model Context Protocol](#) | Anthropic / Coursera | Apr 2026
- [AI Automation with Claude](#) | Anthropic / Coursera | Apr 2026
- [Building AI Agents - Fundamentals to Advanced](#) | Packt / Coursera | Apr 2026
- [Fundamentals of Building AI Agents](#) | IBM / Coursera | Feb 2026
- [Kafka Fundamentals](#) | Coursera | Jan 2026
- [ISO/IEC 27001:2013 Information Security Management System](#) | PT Mitra Berdaya Optima | Apr 2024
- [Mempelajari Machine Learning dengan Python](#) | Udemy | Oct 2023

TECHNICAL SKILLS

Backend: Java (Spring Boot), PHP (Laravel), Node.js, Python

Frontend: Vue.js, Nuxt.js

Database: MySQL, PostgreSQL, Microsoft SQL Server, MongoDB, Redis

Messaging & Queue: Apache Kafka, Redis Pub/Sub

AI & Automation: AI Agents, MCP (Model Context Protocol), LangChain, OpenAI API, Claude API, n8n

DevOps & Cloud: AWS (S3, EC2), Google Cloud Storage, Linux Server

Payment Gateways: Midtrans, Xendit, PayPal, OVO, DANA, BCA VA, Shopee Pay

Core Competencies: REST API Design, Microservices Architecture, System Design, Unit Testing

EDUCATION

Bachelor of Information Systems | Universitas Terbuka | 2024 – Present (Expected Dec 2026)

Diploma in Informatics Management (D3) | Universitas Komputer Indonesia | 2019 – 2022