

HENDRAWAN

SOFTWARE ENGINEER

Java • .NET Core • Go • Python

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Work Authorization: Visa Sponsorship Required (open to relocation)

SUMMARY

Software Engineer with 7+ years of experience building scalable microservices and distributed systems for e-commerce and banking platforms.

Proven track record in improving system performance, including reducing API latency by 72% (1800ms to 500ms) and optimizing cloud infrastructure costs by over \$200K annually.

Experienced in designing and scaling distributed systems supporting 50M+ users, while also leading cross-country engineering teams of 15+ engineers to deliver high-availability systems using Java, Spring Boot, Kubernetes, and AWS.

TECHNICAL SKILLS

- **Languages & Frameworks:** Java 17 / 21 (LTS), Spring Boot 3.x, Golang, Python (FastAPI), C# (.NET Core), JavaScript, SQL
- **Infrastructure & DevOps:** Kubernetes, Docker, Ubuntu/Linux, OpenShift, CI/CD (Jenkins, Azure DevOps), AWS, GCP.
- **AI Productivity & Governance:** Windsurf (Agentic IDE), Claude Code, GitHub Copilot, Prompt Engineering, AI-assisted Security Audits & Unit Test Generation.
- **Observability & Reliability:** ELK Stack (Elasticsearch, Logstash, Kibana), Grafana, Prometheus, Proactive Slack-Alerting, OpenTelemetry.
- **Databases & Messaging:** PostgreSQL, MongoDB, Redis, Oracle DB, MS SQL Server, Kafka, RabbitMQ, Event-Driven Architecture.

WORK EXPERIENCE

OCBC Bank - Indonesia

Sept 2025 – Present

Senior Software Engineer

- **Cross-Border Execution.** Built and delivered a secure CFS Loan Platform for 4 major markets (SG, MY, CN, HK) as part of a multi-national engineering team of 50+ engineers.
- **Architectural Implementation.** Partnered with Architects to translate high-level designs into actionable microservices; identifying technology limitations to ensure 99.99% production uptime.
- **Production Observability.** Strengthened platform reliability by implementing real-time observability using the ELK Stack. Designed proactive monitoring to minimize Mean Time to Recovery (MTTR).
- **AI-Augmented Delivery.** Leveraged Windsurf (Agentic IDE) for rapid prototyping. Modernized services using Java 21 and Spring Boot 3.x, utilizing Virtual Threads to reduce resource overhead.
- **Stability & Compliance.** Enforced clean architecture and secure coding patterns. Maintained production stability and banking regulatory compliance across multiple countries.

SG-EDTS - Indonesia
Senior System Architect

Dec 2023 - Aug 2025

- **System Design.** Engineered the high-level architecture for klikindomaret.com. Built a premier e-commerce platform with event-driven patterns serving 50M+ users using Kubernetes, Java, .NET, and Go.
- **Intelligent Observability.** Developed a centralized internal SDK to standardize observability. Integrated real-time monitoring (Grafana, Whatap.io) to enhance transparency across 100+ microservices.
- **Machine Learning Implementation.** Developed an end-to-end Intelligent Recommendation Engine using Python and SVD algorithms. Boosted e-commerce conversion rates by 20% and Average Order Value (AOV).
- **Agentic Engineering.** Integrated Claude Code for automated unit testing and architecture refinement. Accelerated feature release cycles by 40% while managing NoSQL data models in MongoDB.
- **Performance Engineering.** Re-architected clusters on AWS/GCP. Achieved a 72% API latency reduction (1800ms to 500ms) and saved \$200k+ in annual cloud overhead.

Cargo Community Network - Singapore
Senior Software Engineer

Nov 2022 - Nov 2023

- **Scale Optimization.** Engineered scalable backend services for international Customs Applications using C#.NET Core. Improved regional operational efficiency by 30%.
- **Legacy Migration.** Led the R&D and migration from .NET Framework and Java to .NET Core. Achieved a 40% improvement in performance and maintainability.
- **CI/CD Automation.** Built and maintained pipelines via Azure DevOps. Reduced release cycles by 30% for new country rollouts and minimized manual deployment errors.

Indomarco Prismatama - Indonesia
Software Engineer

Jul 2020 - Nov 2022

- **Platform Engineering.** Developed Supplier Portal, Booking Consignment Management, Franchising, and Reporting Systems to support operational scalability and business growth initiatives.
- **CI/CD Automation.** Built automated microservice deployment pipelines using Jenkins, reducing manual deployment effort by over 30 minutes per release cycle.
- **Operational Observability.** Developed an internal bug monitoring and alerting system integrated with Discord notifications, accelerating issue detection and root cause analysis across internal platforms.
- **Transaction Optimization.** Performed development, maintenance, and performance tuning for transaction services on klikindomaret.com serving 5M+ active users within a distributed microservices ecosystem.
- **Cloud Migration.** Migrated backend services from on-premise infrastructure to AWS cloud environments using C# .NET, Java, and PostgreSQL, improving platform scalability, reliability, and operational efficiency.

- **Business Systems Development.** Contributed to the development of Supplier Portal, Booking Consignment Management, Franchising, and Reporting Systems to support business growth and operational efficiency.
 - **Microservices Engineering.** Assisted in developing new microservices and backend integrations using C# .NET, Java, PostgreSQL, and AWS within distributed system environments.
 - **Batch Processing Automation.** Developed and maintained scheduler-based batch processing services for data synchronization and operational reporting.
 - **Cross-Functional Collaboration.** Collaborated with Business Analysts and Quality Assurance teams to ensure timely project delivery aligned with functional and business requirements.
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EDUCATION

University Atma Jaya Yogyakarta - Yogyakarta, Indonesia
Bachelor of Informatics (2016-2020)
Recognized under German academic standards (Anabin H+)

ACHIEVEMENT

3rd Place - Internal AI Hackathon (SG-EDTS): Led a team to build an AI-powered governance app.

ADDITIONAL INFORMATION

- **Languages:** Indonesian (Native), English (Advanced - B2 Level / Proficient).
- **Relocation:** Open to international relocation and cross-timezone collaboration.