

# HENDRAWAN

## SOFTWARE ENGINEER

Java • .NET Core • Go • Python

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**Work Authorization: Visa Sponsorship Required (open to relocation)**

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### 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.

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### 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.

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### 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.

- **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, and .NET.
- **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.

- **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 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.

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## PREVIOUS EXPERIENCE

- **Indomarco Prismatama** • Software Engineer • Jul 2020 – Nov 2022
- **Indomarco Prismatama** • Software Engineer Intern • Jan 2020 – Jun 2020
- **Laundry Business (Freelance)** • Software Engineer • Sep 2019 – Dec 2019

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## EDUCATION

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

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## ACHIEVEMENT

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

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## ADDITIONAL INFORMATION

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