

Henry Febrian | Software Engineer

Jakarta, Indonesia

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Profile

Results-driven Backend Software Engineer specializing in **Go (Golang)** and **Java** microservices. Experienced in architecting robust service infrastructure, optimizing API latency, and driving infrastructure cost reductions across the SEA and UK markets. Proven track record of full-lifecycle development in agile, hybrid environments for high-traffic financial and e-commerce platforms.

Professional Experience

Atome Financial

Backend Software Engineer

Jakarta, Indonesia

July 2025 – Present

- Active in the development and maintenance of Buy Now Pay Later (BNPL) services, designing scalable infrastructure requirements and robust database schemas.
- Eliminated critical system bottlenecks, achieving a **>90% improvement in API latency** within the first three months.
- Served as the technical point of contact across multi-regional teams to ensure seamless service integration and issue resolution.

ByteDance / GTL

Backend Software Engineer

Jakarta, Indonesia

January 2023 – June 2025

- Architected and launched new fulfillment services for TikTok Shop and Tokopedia from inception, including database schema design and infrastructure provisioning.
- Revamped the warehouse management system, driving a **>90% reduction in cost per order** for the GTL in-house delivery network.
- Engineered the FM fulfillment system for the United Kingdom market (Manchester, Birmingham, London), scaling the architecture to process **>20,000 daily average orders**.

Tokopedia

Backend Software Engineer Intern

Jakarta, Indonesia

October 2021 – October 2022

- Engineered high-performance backend APIs and internal web applications to support the core technology operations team.
- Developed and maintained an enterprise asset management system, efficiently tracking and managing >4,000 company assets.
- Monitored API performance utilizing New Relic and actively led daily engineering standups within a 10-person agile team.

TomTom N.V

Technical Support Engineer Working Student

Berlin, Germany

April 2021 – September 2021

- Acted as the primary IT support contact for the Berlin office, maintaining computer systems and network infrastructure.

Education

University of Illinois Urbana-Champaign (Gies College of Business)

Master of Science in Management

Current GPA: 4.0/4.0

Illinois, USA

October 2024 – Present

University of Applied Sciences (HTW) Berlin

Bachelor of Science

Grade: 1.5/1.0 (Graduated with Distinction) | GPA Equivalent: 3.66/4.0

Berlin, Germany

April 2019 – October 2022

Technische Universität Berlin

Studienkolleg (Pre-University Foundation Course)

Grade: 2.1/1.0 | GPA Equivalent: 3.2/4.0

Berlin, Germany

February 2018 – December 2018

Technical Skills

Languages: Go (Golang), Java (Groovy), PostgreSQL, MySQL

Infrastructure & Cloud: Docker, GCP, Vercel, Grafana

Tools & CI/CD: Redis, Git, GitHub, GitLab, Postman, New Relic, Jira, Lark Suites

Certifications & Languages

Certifications: Scrum Foundation Professional (SFPC), Lean Six Sigma White Belt (LSSWBPC)

Languages: Bahasa Indonesia (Native), English (Advanced/Professional - DET 155/160), German (Working Proficiency - B2)