Yohanes Halim

Head of Engineering | Crypto, Fintech & E-commerce

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SUMMARY

Engineering leader with 10+ years in software engineering, including 6+ years leading teams across crypto, fintech, and e-commerce. As Head of Engineering at Pintu, I lead Product Engineering across the Core Trading, User, and Payment domains, own the engineering roadmap, and partner with Business, Product, Marketing, Finance, Legal, regulators, and market makers to deliver reliably in an agile environment. Experienced in high-frequency trading systems (Pintu Pro), high-traffic promotion and loyalty platforms (Tokopedia), and applying agentic AI to build internal tools used across departments.

WORK EXPERIENCE

Head of Engineering

May 2022 – Present

Pintu Crypto

Promoted: Engineering Manager → Senior Engineering Manager → Head of Engineering

- Lead the Product Engineering department across the Core Trading, User, and Payment domains
- Define the engineering roadmap and design new flows and technical architecture
- Set and track engineering OKRs and KPIs aligned with company goals
- Hire and develop engineers and engineering leads to grow the team
- Align stakeholders across all departments and external parties, including regulators, market makers, vendors, and partners
- Led the Pintu Pro full-stack exchange team across Frontend, Backend, Infrastructure, Data, and Quality engineering
- Planned and executed infrastructure cost optimization initiatives, reducing operational spend
- Build internal tools with agentic AI that are used by multiple departments
- Developed the Reward feature (coupon and benefit distribution) and Locked Earn; maintained Earn & Staking

Lead Software Engineer

Jun 2017 – May 2022

Tokopedia

Promoted: Software Engineer → Senior Software Engineer → Lead Software Engineer

- Led the Promo Platform Core and Promo Automation teams
- Defined the roadmap and designed new flows and technical architecture for Buyer Growth and the Promotion Platform
- Built cashback, discount, and multi-tier benefit promo systems serving Tokopedia users at high traffic
- Designed the architecture of and developed TokoPoints, Tokopedia’s loyalty program
- Collaborated with Business, Product, and Technology teams across the company

System Analyst

Mar 2015 – Mar 2017

Binus IT Division

Promoted: Junior Programmer → System Analyst

- Designed, built, and maintained web systems for six university units, including BinusMaya, Binus Online Learning, and Binus TV

SKILLS

Leadership: Engineering Strategy & Roadmap, OKR & KPI Setting, Hiring & Talent Development, Stakeholder Management, Agile Delivery

Backend: Go, gRPC, Kafka, Pub/Sub

Data: PostgreSQL, Redis, MongoDB, Elasticsearch

DevOps & Observability: Jenkins, ArgoCD, Consul, Vault, Datadog, Grafana, Kibana

AI: Agentic AI, Claude Code, MCP

Tools: Jira, Notion

EDUCATION

Bachelor of Computer Science – Information Technology & Statistics

GPA 3.66

Binus University Aug 2016

LANGUAGES

Bahasa Indonesia (Native) • English (Professional Working Proficiency)