

Daniel Yosep

Engineering Manager • Enterprise Architect • Distributed Systems • Platform Modernization • AI Transformation • DevOps • Event-Driven Architecture

Tangerang, Indonesia

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EXECUTIVE SUMMARY

Engineering Manager with 11+ years of experience leading platform modernization, distributed systems, and engineering organizations across retail, telecommunications, and insurance. Proven track record delivering enterprise platforms serving millions of users while driving AI transformation, cloud modernization, and measurable business outcomes.

CAREER HIGHLIGHTS

- 11+ years leading enterprise engineering across Retail, Telecom, and Insurance
- Architected Project Ganesha Enterprise AI Platform
- Delivered platforms serving 8.7M customers across 2,510 stores
- Designed event-driven systems processing 18–22M inventory records daily
- IDR 25B Business Impact (Cost Optimization + Loss Prevention)

Professional Experience

Engineering Manager | Kawan Lama Group

March 2023 – Present

Engineering Leadership

- Led a cross-functional team of 9 engineers, driving hiring, architecture governance, delivery, stakeholder management, mentoring, and engineering culture.

Key Achievements

- Architected enterprise AI platform driving engineering productivity.
- Architected Enterprise Retail Platform supporting 2,510 retail stores, 6 business units, and 12,587 internal users.
- Designed an event-driven Cycle Count Platform using Ruby on Rails and Redpanda, synchronizing 18–22 million inventory records daily through 24 topics and 2.1+ million asynchronous messages, reducing potential inventory losses by approximately IDR 18 billion.
- Built Customer Loyalty Platform serving 8.7+ million registered Informa customers.
- Led modernization of an Offline-First POS platform deployed to 1,546 stores using SymmetricDS bi-directional replication, supporting up to 88,177 daily transactions.
- Migrated observability from New Relic to self-hosted SigNoz, reducing annual operational costs by approximately IDR 2 billion.
- Contributed to OpenShift to Docker Swarm migration, reducing infrastructure costs by approximately IDR 5 billion annually.

- Designed centralized Price Engine managing 6.2M pricing records across 892K products.

Professional Experience

Software Engineer → Supervisor Software Engineer → Engineering Manager

PT Supra Primatama Nusantara (Biznet)

July 2015 – September 2021

Career Progression

Promoted twice from Software Engineer to Supervisor and Engineering Manager, leading enterprise digital transformation initiatives across Billing, ERP, Finance, Payment, OSS, HR, Warehouse, and Customer platforms supporting nationwide ISP operations.

Engineering Leadership

- Led a cross-functional engineering team of **10 engineers**.
- Responsible for engineering leadership, hiring, architecture planning, release governance, stakeholder management, and technical mentoring while partnering with Finance, HR, Sales, Network, Customer Service, and Infrastructure teams.

Key Achievements

- Architected and delivered an Enterprise Payment Platform supporting hundreds of thousands of ISP subscribers, processing approximately 10,000–12,000 payment transactions per day.
- Integrated 13+ payment channels including H2H banking, Virtual Accounts, cards, e-wallets, and retail payment partners and implemented automated MT940 bank reconciliation.
- Participated in enterprise billing transformation from SAP Business One → Amdocs Billing → SAP A1 → SAP HANA, developing middleware and custom Java integrations.
- Designed and developed OSS Auto Provisioning Platform Integrated multi-vendor network infrastructure (Huawei, Cisco, ZTE, Nortel, Brocade). Automated customer internet provisioning, installation material calculation.
- Modernized software delivery by introducing Jenkins CI/CD, Bitbucket deployment workflow, Pentaho ETL, containerization, and SQL Server Active-Passive architecture.

Professional Experience

Tech Lead Engineer | PT Ignite Service Indonesia (Roojai)

October 2021 – February 2023

- Led a team consisting of 1 Backend Engineer and 1 Frontend Engineer.
- Built a digital insurance registration platform and integrated Sampo TPA services
- Designed and implemented the Radar Pricing Engine for insurance quotation, risk assessment, age calculation, and premium pricing.
- Integrated Salesforce for enterprise data synchronization.
- Integrated Xendit Payment Gateway supporting online payment capabilities.

- Established engineering standards, architecture decisions, and delivery practices during the early growth of the Indonesia engineering team.

Software Engineering Intern | PT Putra Damai Solusindo

April 2014 – July 2014

- Developed POS Reporting and Payroll Management systems while optimizing SQL performance.

Core Technologies

Leadership

Engineering Management • Hiring • Architecture Governance • Stakeholder Management

Architecture

Distributed Systems • Event-Driven Architecture • Platform Modernization

Languages

Ruby on Rails • PHP • C# • .NET • Java • Node.js

AI

Gemini • Bedrock • LibreChat • Chainlit • Keycloak

Infrastructure

Docker • PostgreSQL • Kafka • Redpanda • Redis • GitHub Actions

Enterprise

SAP HANA • Salesforce • SymmetricDS • Midtrans • Xendit

Education

Bachelor of Computer Science

Bina Nusantara University

2011 – 2015