

Kevin Ramadhan

Senior Full-Stack Software Engineer

✉ kevinramadhan244@gmail.com | 📞 +6287757764878 | 📍 Bekasi, Indonesia | 🌐 <https://vinrsr.com>

Links

Github

[Github Repository](#)

LinkedIn

[LinkedIn Profile](#)

Summary

Senior Full-Stack Software Engineer with 7 years of experience building high-performance backend systems and distributed architectures. Specialized in Go and TypeScript, with hands-on experience designing microservices, event-driven pipelines, and scalable database systems, taking complex features from design to production. Leverages AI-assisted development tools to accelerate delivery while maintaining code quality.

Experience

Quickbill Indonesia

South Jakarta, Indonesia

Senior Full-Stack Software Engineer

December 2025 - June 2026

- Consumers stopped processing messages after a RabbitMQ broker disconnect, since the connection never reset automatically; built an auto-reconnect mechanism that restores it with zero message loss.
- Permissions were scattered across the platform; designed the RBAC database schema and built the middleware and interceptors enforcing it end-to-end, from proposal to production.
- Manual one-by-one invoicing couldn't scale; built an async bulk engine handling 500 rows/batch with real-time duplicate detection and automated collision resolution.
- Duplicated data models slowed cross-team deployments; introduced a centralized shared-model library, eliminating redundancy.
- Built notification microservices delivering async email and WhatsApp messages to users across the platform.

Moladin

Central Jakarta, Indonesia

Full-Stack Software Engineer

January 2022 - December 2025

- SME property loan approvals waited on each step to finish one at a time, stretching SLA to 7 days; redesigned the flow as PIC to run independent steps in parallel, cutting average approval time to 2 days.
- Collaborated on building the Small and Medium Enterprise (SME) property loan application, where customers pawn property certificates to access financing, including backend APIs for both web and mobile.
- Built an internal rules engine that filters high-risk loan applicants through sequential checks, KYC, SLIK credit history, and cross-leasing loan checks, to catch customers unlikely to repay before approval.
- Built and owned the Credit Underwriting Service, the single point of integration for pre-onboarding and validation checks, including SLIK credit history and contract validation, for every loan application.
- Contributed to the vehicle loan application system, including backend APIs for both web and mobile, used by branch teams to validate customer documents and route applications through multi-level approval, supporting thousands of agents across manpower and cash loan workflows.
- Services communicating via direct API calls created tight coupling and reliability risk; collaborated on introducing Kafka to decouple event publishing and consumption across microservices, keeping data consistent even under async load.
- Built and owned the Calculator Service as the single source for loan calculations, handling dynamic amounts, interest, installment schedules, and fee accumulation.
- Mentored 3 frontend engineers transitioning into full-stack roles, covering backend, API design, and database management.

vOffice Indonesia	South Jakarta, Indonesia
Mid-Senior Software Developer	Apr 2021 - Dec 2021
- When the team lead left and no one else stepped up, took over leading the 5-person tech team, reporting directly to the Board of Directors. - Client data had no centralized visibility for leadership; built data aggregation pipelines that transformed raw client datasets into business reports for the Board of Directors. - A legacy monolithic system was hard to scale and maintain; contributed to migrating it to a microservices architecture, improving modularity and fault tolerance. - Inconsistent code patterns across the team caused merge conflicts and slowed new hires down; standardized repository structures and coding patterns, improving development velocity.	
Full-Stack Developer	Dec 2019 - Apr 2021
- Integrated the Midtrans payment gateway to generate payment links for customers to pay invoices. - Branch operations, onboarding, bookings, invoicing, and financial reporting were all manual and disconnected; collaborated on building an internal ERP platform centralizing all of it across multiple branches.	

Integrated Synergy Systems	West Jakarta, Indonesia
Backend Engineer	May 2019 - December 2019
- Delivered multiple web and mobile applications for external clients in a fast-paced agency environment, juggling tight deadlines across projects and ramping up quickly on varied client requirements. - Built client-facing web applications with PHP, MySQL, and JavaScript, designing RESTful APIs for cross-platform integration.	
Coca-Cola Amatil	Cibitung, Indonesia
Web Developer (Freelance)	October 2018 - January 2019
Employee attendance and shift logging were tracked manually; designed and built a web-based ERP module to automate the process.	

Skills

Languages:	Frameworks & UI:
Go (Golang), TypeScript, Node.js, JavaScript	Gin, Express.js, NestJS, React, Next.js, Tailwind CSS
System Architecture:	Security & Auth:
Microservices, Distributed Systems, Event-Driven Architecture, Micro-Frontends	JWT, Symmetric/Asymmetric Cryptography, Key Management (HMAC/RSA), RBAC
API & Protocols:	Databases & Storage
gRPC, RESTful APIs, WebSockets	PostgreSQL, MySQL, MongoDB, Redis, ETCD, S3, minio
ORMs & Data Tools:	Message Brokers:
Gorm, Prisma, Sequelize	Apache Kafka, RabbitMQ
Agile & Collaboration:	AI Tools:
Jira, Confluence, Trello, Slack, Mattermost	Claude Code, OpenCode, Antigravity
Utilities:	Cloud & Infrastructure:
Git, Grafana, Railway, Vercel	AWS (EC2), Docker, Caddy, CI/CD (GitHub Actions)

Languages

Bahasa (native)	English (professional proficiency)
------------------------	---

Education

SMK Telekomunikasi Telesandi	Vocational High School Degree
Computer Software Engineering	Bekasi, Indonesia • 2016 – 2019