

VICKTOR LAMBOK DESRONY

Backend Engineer

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SUMMARY

Results-driven Golang Backend with 5+ years of experience leading cross-functional backend teams, translating business and product requirements into secure, scalable, high-performance server-side applications and APIs. Proficient in Go, microservices architecture, Apache Kafka event streaming, and cloud-native deployments across AWS/GCP. Expert in implementing clean code best practices, conducting thorough code reviews, mentoring junior and mid-level engineers, and building strong, collaborative teams aligned with product goals. Skilled in optimizing existing code, monitoring production performance via Prometheus and Grafana, and delivering reliable deployments via CI/CD pipelines in Linux environments, with strict adherence to SLAs and enterprise business objectives.

EXPERIENCE

Backend Engineer Intermediate

WOM Finance

Dec 2025 – Present

Leading end-to-end backend engineering efforts to design, develop, and maintain robust server-side systems and APIs using Node.js, TypeScript, .Net and Python. Mentor junior team members, conduct thorough code reviews, align technical roadmaps with business and product requirements to enhance operational efficiency and scalability, and build a collaborative, high-performing engineering team. Deploy and maintain services in Linux environments with cloud-native, on premises, CI/CD pipelines using Docker environments.

- Led cross-functional design and development of real-time reporting tools using Node.js, TypeScript, and optimized SQL Server queries, aligning technical work with product requirements to deliver actionable data insights for product and analytics teams
- Optimized complex SQL Server and MySQL queries, cutting average query latency by 35% to boost application performance, reliability, and end-user satisfaction
- Built reusable internal utility libraries to streamline development workflows, cut redundant code by 20%, and improve team developer experience while adhering to clean code standards
- Designed and optimized MySQL and SQL Server relational database schemas to enable fast data retrieval and scalable storage for enterprise-grade workloads
- Deployed and maintained highly available backend services in Linux environments using Docker and Kubernetes, orchestrating reliable CI/CD pipelines to streamline release cycles and minimize downtime
- Improve current boilerplate code architecture, boost rapidly development by runtime reduction with 35% improvement, auto recovery apps when crashing, setup lint-test,unit test, integration test to ensure the code shipped meets the requirements

Backend Engineer Intermediate

Lion Parcel

Apr 2025 – Oct 2025

Developed high-performance Golang and Node.js RESTful web services, optimizing application performance and system reliability while leading small feature teams to deliver critical features on tight deadlines. Enforced clean code and maintainable architecture best practices to support long-term system scalability.

- Cut application response times by 40% via optimized database queries and Redis caching, lowering server load and improving end-user experience
- Led weekly code review sessions and established unit testing standards, improving overall code quality by 25% and reducing post-launch bug occurrence rates by 30%
- Led legacy product data migration projects with 99.9% uptime, preserving full data integrity and enabling seamless transitions for internal teams and end-users

Backend Engineer Intermediate (RND)

Privy

Jan 2023 – Nov 2024

Led end-to-end architecture and development of a highly scalable core authentication microservices stack, boosting transaction throughput by 50% and maintaining 99.99% uptime for enterprise global customers. Mentored junior engineers, enforced clean code and SLA best practices, and aligned technical roadmaps with product requirements.

- Integrated microservices via gRPC and RESTful APIs, scaling transaction throughput by 50% to support user demand across 10+ global markets
- Leveraged Docker and Kubernetes to standardize deployment environments and build end-to-end CI/CD pipelines, cutting release cycles by 40% and enabling consistent, reliable deployments to AWS and GCP cloud providers
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Monitored production performance and resolved critical incidents using Prometheus and Grafana, ensuring strict adherence to enterprise SLAs and minimizing unplanned downtime

- Implemented event streaming pipelines using Apache Kafka to handle asynchronous transaction processing, reducing synchronous load on core authentication services and improving system resiliency

Backend Engineer

Koinworks

Apr 2022 – Nov 2022

Developed and scaled a core fintech banking platform integrated with Mastercard and Xendit, using Golang and message queue patterns for reliable, high-volume transaction processing. Collaborated cross-functionally with product, finance, and UI teams to align system architecture with business objectives and deliver features on schedule.

- Built internal enterprise analytics dashboards to cut admin team operational overhead by 30% and deliver actionable platform performance insights
- Established and enforced unit testing standards, achieving 90%+ test coverage across all core services to ensure maintainable, bug-free code
- Refactored legacy monolithic services to Go, improving application performance by 28% and reducing cloud infrastructure costs
- Collaborated closely with product managers, finance teams, and UI engineers to align system architecture with fintech business objectives, delivering all planned features on schedule and within budget

SKILLS

Golang: gRPC, Distributed Systems, Microservices, Go Idioms, Cloud-Native Development

Node.js / TypeScript: Elysiajs, Bun, Fastify, RESTful APIs

Backend Architecture: SOLID, Clean Architecture, Design Patterns, Microservices, Event Streaming

Databases & Messaging: SQL Server, PostgreSQL, MySQL, MongoDB, Kafka, RabbitMQ, Redis

Cloud & DevOps: AWS, GCP, Docker, Kubernetes, CI/CD, Prometheus, Grafana, Linux

Version Control & Tools: Git, Gitlab, VS Code, Bash

EDUCATION

Binus University

BSc, Computer Science

Grade: 3.69/4.0

Nov 2023 – May 2026

Del Institute of Technology

Diploma, Information Technology

Grade: 3.44/4.0

Sep 2019 – Aug 2022