

Luu Nguyen

9+ years designing high-performance microservices at scale. Currently leading the SOF Platform at MoMo — Vietnam's largest fintech super-app.

luut.ng@gmail.com · 0934 141 193 · Ho Chi Minh City, Vietnam

EXPERIENCE

2020–
Present

Lead Software Engineer — SOF Platform

MoMo (M_Service JSC) · 5+ years

- Architecting and leading three core backend platforms, processing millions of transactions daily.
- Pioneered cloud-native development with Quarkus (Java 21) for optimal resource usage.
- Optimized Reactive systems (Vert.x) to reduce latency and boost throughput across payment services.
- Deployed full-stack observability (Prometheus, Grafana) ensuring 99.99% uptime.
- Applied resilience patterns (Resilience4j, Circuit Breaker) and multi-database persistence.

2019

Software Engineer

Homa Technologies JSC · 6 months

- Built an event-driven Smart Home backend on AWS for real-time device coordination.
- Established CI/CD pipelines with Jenkins and event log collection with Elasticsearch.

2017–
2019

Java Developer

MoMo (M_Service JSC) · 2 years

- Integrated Core Banking systems with major bank partners via RESTful and MQTT APIs.
- Built monitoring and log management infrastructure using Prometheus and Grafana.

2015–
2017

Embedded Software Engineer

Global CyberSoft (Vietnam) JSC · 2 years

- Developed embedded software for IoT and CCTV projects using Java, Unix, and OSGi-based systems.

TECH STACK

LANGUAGES & FRAMEWORKS

Java 11/21 · Vert.x 4 · Quarkus 3 · Spring Boot

gRPC · Protobuf · RESTful

MESSAGING & STREAMING

Kafka · RabbitMQ · AMQP

DATABASES & CACHING

MySQL · Oracle · Cassandra · Redis

Elasticsearch

OBSERVABILITY

Prometheus · Grafana · Pyroscope · Micrometer

Splunk

RESILIENCE & SECURITY

Resilience4j · Circuit Breaker · HikariCP · JWT

PGP

INFRASTRUCTURE

Docker · Kubernetes · Linux · JIB

CI/CD & DVCS

Jenkins · GitLab · Bitbucket · Git

EDUCATION

B.Sc. Computer Science

University of Information Technology

Ho Chi Minh City · 2011–2015

GPA 8.0 / 10