Luong Van Tu

Email: luongvantuit@gmail.com | **Phone:** +84965445305 | **GitHub:** github.com/luongvantuit

Summary

Full-stack Software Developer with experience in building backend systems, frontend applications, and cloud infrastructure. Proficient in Golang, TypeScript, and JavaScript with expertise in both backend (Node.js, NestJS) and frontend (ReactJS, Next.js) development. Experienced with containerization using Docker and Kubernetes, infrastructure as code with Terraform, and CI/CD pipeline implementation. Focused on delivering reliable and maintainable solutions.

Technical Skills

- **Languages:** Golang, TypeScript, JavaScript, Python, Ruby
- **Frameworks:** NestJS, Echo, ReactJS, React Native, NextJS, Strapi
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch
- **Message Brokers:** RabbitMQ, Google Pub/Sub
- **DevOps & Cloud:** Docker, Kubernetes, Terraform, AWS (ECS, ECR, RDS, S3, SES, ELB)
- **CI/CD:** Jenkins, GitHub Actions, Bitbucket Pipeline
- **Monitoring:** Grafana, Loki, Prometheus
- **Other:** XMPP (Prosody), Payment Integration (Stripe, Google, Apple)

Work Experience

Software Engineer | UrielJSC

November 2025 - Present

Working on software development for Funda Global, a claimant surveillance and custom software development company. Contribute to building and maintaining systems for claims processing and surveillance operations.

Tech Stack: Node.js, AWS Lambda, RDS, AWS VPC, Next.js

Software Developer | Open Techiz

March 2023 - November 2025

Responsible for improving and adding new features to the company's system. Analyze existing systems, identify areas for enhancement, and propose solutions. Work closely with the team to prioritize requirements and implement changes that improve code organization and enhance product performance. Actively participate in code reviews and contribute to continuous improvement of system functionality and efficiency.

Software Developer | AusVie

March 2022 - March 2023

Participated in the entire software development lifecycle including gathering requirements, designing systems, writing code, conducting testing, and deploying applications. Created clean and efficient code while ensuring software functionality and performance. Actively participated in code reviews and stayed updated with latest technologies and industry standards.

Software Developer Intern | AusVie

February 2022 - March 2022

Worked with NestJS framework following established workflows and contributed to database design. Developed programming skills and gained practical experience in building high-quality applications.

Key Projects

Mektoube & Mashallah Dating Platform | Open Techiz

March 2023 - November 2025

Mobile dating application designed for Muslim communities, facilitating meaningful connections based on shared religious values and marriage goals.

Key Contributions:

- Maintained and enhanced BackOffice system for administrative content moderation
- Implemented GPT-powered automated content analysis for user conversation safety
- Modernized payment processing with Google, Apple, and Stripe transaction tracking
- Upgraded deprecated third-party APIs to improve system reliability

Tech Stack: Golang, TypeScript, JavaScript, Ruby | ReactJS, React Native, Echo, NestJS | MySQL, MongoDB, Redis, Elasticsearch | RabbitMQ, Google Pub/Sub | Kubernetes, Docker, Jenkins | Prosody XMPP | Grafana, Loki, Prometheus

---

AusVie Logistics Management System

February 2022 - March 2023

End-to-end logistics platform for managing freight shipments between Australia and Vietnam, including web and mobile applications for customers and warehouse staff.

Key Contributions:

- Architected and deployed cloud infrastructure on AWS using Terraform (IaC)
- Developed automated CI/CD pipeline with Bitbucket for streamlined deployment
- Built backend services including shipping cost calculation engine and order management
- Developed React Native mobile application for warehouse employees to update shipment status and track orders
- Contributed to frontend development using NextJS for customer-facing web application
- Designed PostgreSQL database schema for logistics operations

Tech Stack: TypeScript, JavaScript | NextJS, Strapi CMS, React Native | PostgreSQL | Terraform | AWS (ECS, ECR, RDS, ELB, S3) | Bitbucket Pipeline

---

Open Source Projects

ZeroX Solutions | Founder & Maintainer

Organization: github.com/zeroxsolutions | Website: zeroxsolutions.com

Creator and maintainer of production-ready Go libraries for backend development and microservices architecture.

Key Libraries & Tools:

- **beginning** - CLI tool for scaffolding Go projects from templates with automatic shell completion support (bash, zsh, fish, PowerShell). Includes service and library templates with APIs, databases, Swagger docs, and testing configurations
- **banshee** - Production-ready caching library with unified interface for Redis and mock implementations. Features sub-millisecond latency, pattern matching, TTL support, and thread-safe operations
- **vidar** - Lightweight pub/sub abstraction library supporting Redis backend with extensible architecture for messaging patterns
- **sazabi** - Structured logging library built on Zap with configurable logging levels
- **barbatos** - Common interfaces and models for microservices
- **strike** - Utility functions and helpers for Go applications
- **narrative** - Bucket interaction library for object storage
- **alex** - Configuration management library

Tech Stack: Go, Redis

Education

University of Science, Vietnam National University Hanoi *October 2019 - Present*

Achievements & Activities

Build On Vietnam 2021 | *August 2021 - September 2021*

- Finalist - Build On Contest (FACT team) | Certificate

HAMIC - HUS Applied Mathematics and Informatics Club | *June 2021 - June 2023*

- Head of Design & Web Development
- Organized technical events including WContest: Web for Education