

## Toan, Ngo Minh

### Software Engineer

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*I'm an entry Software Engineer proficient in Golang, cloud infrastructure, and API development. With nearly a year of experience building scalable applications, I bring a unique perspective honed by a background in design. I'm eager to leverage my technical skills and passion for problem-solving to create innovative, user-centric software solutions.*

#### EDUCATION & CERTIFICATIONS

- Bachelor's degree in Urban Planning at Ton Duc Thang University (2013 - 2018)

#### LANGUAGES

- English [B1]
- Vietnamese [Native]

#### TECHNICAL SKILLS

- Programming languages: Golang
- Database: PostgreSQL, MongoDB, ArangoDB
- Framework: Gin, Mux library for routing
- Cloud computing: AWS EC2, S3, EKS, GKE, Pub/Sub
- DevOps tools: Docker, Kubernetes

#### RELEVANT EXPERIENCE

##### GTG Software

Software Engineer

##### Tokeet

Ho Chi Minh, Vietnam

Sep 2023 - Present

Mar 2024 – Present

Tokeet is a comprehensive communication platform that streamlines interactions between property owners and guests. I had independently developed a new Golang-based messaging system for Tokeet, replacing their existing Perl-based system to improve performance and scalability.

##### Responsibilities:

- Building the system from scratch, replacing an existing Perl-based implementation to improve performance and scalability.
- Implementing core features like multi-channel messaging, centralized conversation tracking, and OAuth2 authentication for secure integrations with various cloud platforms (AWS, GCP, Azure)
- Designed a robust architecture using Go design patterns, ensuring maintainability and scalability.
- Utilized Amazon SQS and APIs for parallel communication and efficient message processing.
- Deployed and tested the application on AWS infrastructure, creating documentation to facilitate easy management.
- Creating comprehensive documentation to facilitate the ongoing maintenance and improvement of the application.

##### Accomplishments:

- Gained extensive experience in cloud infrastructure (AWS, GCP, Azure), API integrations, OAuth2 authentication, and messaging system development.
- Developed expertise in building scalable and high-performance communication platforms from the ground up.
- Eager to apply this knowledge to enhance guest experiences for Tokeet's clients.

## **Trydome**

**Sep 2023 – Mar 2024**

Trydome is a platform that simplifies the deployment and management of cloud-based databases for businesses. In my first role as a Software Engineer at Trydome, I contributed to the development and enhancement of the platform's core features.

### **Responsibilities:**

- Optimized critical queries to increase performance and cleaned bad data to improve overall data quality for the customer.
- Researched and designed new initiatives for the CI/CD process using FluxCD to allow customers to manage their databases in the Trydome platform.
- Implemented new REST APIs to integrate with Stripe API to collect invoices and send payments to customers.

### **Accomplishments:**

- Successfully optimized queries, improving system responsiveness and enhancing user experience.
- Ensured accurate reporting and improved data reliability by cleaning and validating customer data.
- Designed and implemented a GitOps-based CI/CD pipeline using FluxCD, enabling automated deployment and configuration management of customer databases.
- Developed new REST APIs to integrate with Stripe, automating the collection and processing of customer payments.
- Honed troubleshooting and problem-solving skills through hands-on experience in a fast-paced development environment.
- Expanded technical knowledge of Golang, FluxCD, REST APIs, and database management.

## **Trungnam Group**

*Senior Landscape Architect*

**Ho Chi Minh, Vietnam**

**Jul 2022 – Aug 2023**

As a Senior Landscape Architect, I led and collaborated on a diverse range of landscape design projects, from residential gardens to large-scale public spaces. My responsibilities included conceptual design, project planning, construction supervision, and client communication. I leveraged my strong project management, quality control, and technical documentation skills to ensure successful project delivery.

## **Prior Experience**

**Apr 2018 – Jun 2022**

Held various Landscape Architect roles at multiple companies in Vietnam, gaining experience in design, planning, and construction supervision for a variety of projects.

*Thank you for reading,  
Toan Ngo*