

VO VAN TOAN

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I am a **Software Engineer** with more than 3 years of experience, graduated software engineer from VNU-HCM University of Science, Ho Chi Minh City, Vietnam. In which I not only develop software but also actively use programming skills to solve many practical problems - from process automation, data processing, system optimization to provide technical support.

SKILLS

- + Programming Language: Golang, Javascript/Typescript, Python
- + Database: MongoDB, Redis, PostgreSQL
- + Pub/Sub: Kafka, RabbitMQ
- + Tools: Git, Bash script, Docker
- + Network: gRPC protobuf, RESTful API
- + Soft skill: Leadership, problem-solving, teamwork, responsibility, self-study, multi-tasking

WORK EXPERIENCE

BUYMED | THUOC SI Software Engineer Oct 2022 - April 2025

Product Warehouse Management System (WMS) and Logistic Management System (LMS)

Golang, MongoDB, RESTful API, Microservice System

- Owned, implement new logic and maintained the WMS and LMS
- Improved performance with latency less than 100ms
- Reduced lead time when order confirmed to delivered by 50% in most cases
- Handled troubleshooting, refactoring, and system tuning
- Worked closely with cross-functional teams (BA, QC, Ops) to understand warehouse workflows and rapidly deploy solutions that met real operational needs.

KUBTECH Software Developer Jan 2022 - Oct 2022

Project PeaHoki

Golang, NodeJs, MongoDB, Redis, RabbitMQ, gRPC Protobuf, RESTful API, Microservice System, Docker, Kubernetes, ...

- Built a NFT marketplace for Vietnamese people; built Ticket Platform
- Defined protobuf for RPC, applied microservice architecture
- Implemented CMS services & REST APIs, crawl exchange rate, ...
- Applied Saga pattern for distributed transactions
- Applied CQRS, DDD, BFF pattern for clean, robust and scalable Golang project

Project Bitkub

Golang, Strapi, PostgreSQL, Redis, Monolithic Microservice, Docker, Kubernetes, ...

- Built a academy with backoffice and user role; fund management
- Implemented role-based access control for RESTful APIs

EDUCATION

Ho Chi Minh University of Science | Bachelor of Honor Program in Information Technology Sep 2019 - Sep 2023

- Overall GPA: 3.6/4

Big O Coding Center | Blue Course Mar 2021 - May 2021

- Learn various algorithms and data structures commonly use in real problems

SIDE PROJECTS

Indikay	Backend Developer	Dec 2023 - March 2024
Golang, Postgres, Microservice System		
<ul style="list-style-type: none">• Trading bot platform real time on stock and crypto• Affiliated campaign with multi level		
Lightning Network link	Researcher/Fullstack Developer	June 2023 - Sep 2023
Golang, Cosmos		
<ul style="list-style-type: none">• Description: A fast and secure layer for transfer token in dApp		
Jig NodeJs link	Backend Developer	Jun 2022 - Jul 2022
NodeJs, Express, Handlebars		
<ul style="list-style-type: none">• Description: a NodeJs template for doing many types of tasks: Rest API, cron-job, migrate, seeding data ...• Applied clean code, multi-layer architecture, in-processing dependency injection, modularize third-party service		
Code2Diagram link	Fullstack Developer	Jun 2022 - July 2021
Python, Flask		
<ul style="list-style-type: none">• Description: Write json format file for draw UML Diagram (Use-case, ...)		

PRIZE AND ACHIEVEMENT

• Top 9 Academic Competition Challenge	Faculty Information Technology	2022
• Top 571 Shopee Code League	South East Asia	2022
• Top 2883 Round 2 of Facebook Hacker Cup	World	2021
• Achieved the prize for Student of 5 merits	University	2019 2020

OUTSIDE ACTIVITY

HCMUS Blockchain Lab	Sep 2022 - Present
<ul style="list-style-type: none">• Member of Computerization Team	
Green Summer Volunteer Campaign of Ho Chi Minh University of Science	Jun 2019 - Jul 2022
<ul style="list-style-type: none">• Member of Computerization Team	
Ho Chi Minh Communist Youth Union of Faculty Information Technology Commissioner	Sep 2019 - May 2022
<ul style="list-style-type: none">• Key organizer of Volunteer Spring Campaign	
VNU Will Run	Sep 2020