

Nguyen Dinh Minh Dat

✉ minhdat15012002@gmail.com | github.com/hnimtadd | [linkedin.com/in/hnimtadd](https://www.linkedin.com/in/hnimtadd) | www.info.craftsnake.space

EDUCATION

Ho Chi Minh University of Technology

Bachelor of Computer Science, GPA: 8.3/10.0 | TOEIC: 870

Aug. 2020 – May 2024
Ho Chi Minh City, Vietnam

AWARDS & HONORS

First Grab Rising Star Award

Issued by Grab

July 2025
Recognized for exceptional performance and impact

EXPERIENCE

Grab

Software Engineer

May 2024 – Present
Ho Chi Minh City, Vietnam

- Engineered production-ready API gateway on Envoy proxy handling major public-facing traffic as core Gateway operator
- Led **zero-downtime migration** of 1,000+ services (300k QPS) from legacy to unified gateway; consolidated 20+ GrabPay gateways into single solution with standardized codebase
- Built **multi-agent LLM chatbot** with Slack integration, reducing query resolution time via automated troubleshooting
- Architected Gateway Self-Serve Portal with RBAC, multi-tenant support, and CI/CD pipeline for autonomous management

Walless.io

Software Engineer

May 2024 – Aug. 2024
Ho Chi Minh City, Vietnam

- Developed personalized Web3 wallet application with streamlined user experience for cryptocurrency management
- Architected and implemented comprehensive Profit & Loss tracking feature for real-time portfolio analytics

Peakee.io

Software Engineer

Aug. 2023 – May 2024
Ho Chi Minh City, Vietnam

- Built context-aware language learning platform with spaced repetition algorithms using serverless AWS Lambda backend
- Developed cross-platform client (mobile, web, browser) from unified codebase, reducing development overhead by 60%

VinAI

Software Engineer Intern

June 2023 – Oct. 2023
Ho Chi Minh City, Vietnam

- Developed video streaming platform with intelligent search using Elasticsearch and adaptive bitrate encoding server

PROJECTS

RUN | Go, Wazero, Proto Actor, Docker | github.com/hnimtadd/run

- Built edge computing platform with WebAssembly runtime for service deployment and lifecycle management

SPACED | Go, WASM, Tailwind | github.com/hnimtadd/spaced

- Serverless flashcard app with FSRS algorithm; leveraged WASM for near-native browser performance

TERMIO | Go, Nix | github.com/hnimtadd/termio

- Terminal emulator engine with VT100/Xterm compatibility, escape sequence processing, and UTF-8 support

TECHNICAL SKILLS

Languages : Go, Python, JavaScript, Rust

Technologies : AWS, Docker, Terraform, Envoy Proxy, WebAssembly, Git, CI/CD

Databases : MongoDB, PostgreSQL, MySQL, Elasticsearch