

# Truong Quang Nghia

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Ho Chi Minh City, Vietnam

Final-year Computer Science student with hands-on backend engineering experience in Go microservices, distributed systems, and cloud-native tech. Proven ability to deliver in production environments across two internships.

## EDUCATION

Ho Chi Minh City University of Technology | 2022 - present

- Final-year B.S. Computer Science.
- Current GPA: 3.4/4.
- English certificate: TOEIC Reading & Listening 930 - TOEIC Speaking & Writing 330.

## TECHNICAL SKILLS

- Programming languages: Go/Golang, TypeScript/JavaScript, Python, C++
- Back-end: Gin, Django, gRPC, RESTful API
- Front-end: NextJS
- Databases: PostgreSQL, MySQL, MongoDB
- Messaging & Async: RabbitMQ
- Infrastructure/DevOps: Docker, Kubernetes

## EXPERIENCE

ITC Group - Software Engineer Intern | June - Sep 2025

- Shipped new features and fixes across 3+ business projects in agile teams, working within legacy codebases under real production constraints.
- Integrated AI tools into the development workflow to improve code review efficiency and team productivity.

FireGroup - Backend Engineer Intern | Nov 2025 - Feb 2026

- Applied advanced Golang concepts in a microservices environment, working with gRPC and Kubernetes in production.
- Developed and maintained legacy system, fixing and optimising existing business features.
- Conducted R&D on distributed channels for new product lines to support expanded market reach.

## PERSONAL PROJECTS

Ride Sharing | *Golang, Kubernetes, Docker, RabbitMQ, gRPC*

- Built a production-ready ride-sharing platform using 5+ microservices with event-driven async communication via RabbitMQ, inter-service calls via gRPC, and deployed on Kubernetes for horizontal scalability.
- GitHub repo: <https://github.com/quanghia24/release.git>

Sensitive secret detection | *Typescript*

- Built a VSCode extension that detects over 160 different types of secrets (API keys, tokens, credentials) in source code using pattern matching, helping prevent accidental exposure on public repositories.
- Marketplace: <https://marketplace.visualstudio.com/items?itemName=SecretTea.project-tea>

Smart Home IoT Management System | *Golang, ReactJS, MySQL*

- Designed and built a real-time IoT management system supporting concurrent device connections over MQTT/WebSocket, with a mobile app for monitoring and control, following SOLID principles throughout.
- GitHub repo: <https://github.com/quanghia24/mySmartHome.git>