



VÕ MINH TRÍ - BACKEND DEVELOPER INTERN

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[LinkedIn](#) | [Portfolio](#) | [Github](#)

ABOUT ME

Third-year Information Technology student specializing in Backend Development. Experienced in building real-world and personal projects focused on API development, data processing, and system optimization. I take a big-picture approach to problem-solving, considering problem definition, solution design, business logic, and overall impact. Long-term, I aim to grow into Product Owner or Project Manager roles, combining technical skills with product thinking.

EDUCATION

Posts and Telecommunications Institute of Technology

2023 – 2027 (Expected)

Bachelor of Information Technology

GPA : 3.2 / 4

SKILLS

Programming languages

JavaScript (ES6+), TypeScript, Python

Backend

- Frameworks : NestJS, Django, Flask
- Restful API
- Authentication & Authorization (JWT, RBAC)
- Search system design & optimization

Databases & Search Engines

- MySQL, MongoDB, Redis
- Redis Search, Elasticsearch (Full-text search n-gram)

DevOps & Tools

- Git
- Docker (basic deployment)

Soft skills

Problem solving, Critical thinking , Leadership, Teamwork

PROJECTS

B2B E-commerce Platform for Industrial Scrap (VietCycleConnect)

9 – 11/2025

- **Description** : Connecting scrap generating businesses – processing units – recycling units. The system supports transactions of raw scrap (quotation & auction) and clean scrap (direct purchase and sale), optimizing the purchasing and recycling process
- **Technologies** :
 - Backend : NestJS , Restful API , JWT Authentication
 - Frontend : NextJS , TailwindCSS , ShadcnUI , TailwindCSS , Axios
 - Database : MySQL
- **My Responsibilities** :
 - Project management and team leadership
 - Business development , design and develop the entire system

- Build and optimize database, deploy RESTful API
- Integrate JWT authentication and Role-based Access Control authorization
- **Link Github :**
 - Api : https://github.com/trisvo05/vietcycleconnect_api_v2
 - Frontend : https://github.com/trisvo05/vietcycleconnect_fe_v2
- **Website Demo :** <https://vietcycleconnect.vercel.app>

Recurring Service Package Marketplace (Subme)

10 - 12/2025

- **Description :** The application allows users to register to receive periodic products/services such as: morning coffee, office meals, drinks, technology packages, or mini courses every week ...
- **Technologies:** NestJS, MySQL, RESTful API, WebSocket (real-time chat), JWT, OAuth, Payment Gateway Integration
- **My Responsibilities :**
 - Developed and maintained backend services with NestJS and MySQL, designing RESTful APIs
 - Built real-time chat and notification system using WebSocket to enhance user interaction.
 - Implemented JWT authentication and payment gateway integration for secure transactions.
 - Develop and integrate RAG Virtual Assistant, help the system interact intelligently and support users automatically.
- **Link Github :** https://github.com/trisvo05/Subme_api

WORK EXPERIENCES

Backend Developer - NextX Future Company

10/2025 - 01/2026

- Built RESTful APIs for the backend system
- Build search functionality using Redis Search with n-gram indexing (up to 105x faster)
- Migrated features from the old system to a new backend system

Backend Developer Intern – VNPT Cyber Immunity (VNPT-IT)

01/2026 - Present

HONORS & AWARDS

Top Project – National Startup Program 2025 (Organized by VCCI)

Top 5 – SV Startup 2026 (University Level)

Enterprise Award – Huce Intech Competition 2025

Third prize - StartupBA Competition 2025

Encouragement prize - P-Innovation 2025 Innovative Product Competition

Encouragement prize – AI Challenge 2024

SUI Bootcamp Hackathon

Top 6 Finalist - Vietnam Social Innovation Challenge 2025

Top 8 Finalist – TechXpo Challenge 2025