

# Nguyen Thanh Trung

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## SUMMARY

I am a software engineer experienced in C#, Python, and JavaScript, passionate about building reliable applications, improving systems, solving problems, and leveraging the right tools to deliver high-quality solutions.

## WORK EXPERIENCE

### Software Engineer

*Bin Tech Inc (Canada)*

Jun 2025 – Present

- Designed and integrated an IAM system with Keycloak, streamlining authentication across services.
- Built backend APIs and a data ETL pipeline with Dagster, integrating AWS S3 for analytics workflows.
- **Tech:** Python, FastAPI, AWS, Docker, Keycloak, Dagster

### Intern Backend Developer

*FPT Software (Ho Chi Minh)*

Jan 2025 – Apr 2025

- Developed and maintained backend API services to support enterprise applications.
- Monitored and optimized integrations with AWS components such as ECS, S3, Lambda, IAM, and Cognito, improving system performance and reducing downtime.
- **Tech:** Python, FastAPI, AWS, Docker

## PROJECTS

### Metro Ticketing System

GitHub

A mobile ticketing application that enables users in Ho Chi Minh City to purchase MRT tickets seamlessly.

*Role:* Full-Stack Developer, Team Lead — designed system architecture, managed deployment.

*Tech:* C#, ASP.NET Core (Microservices), Kafka, Docker, GitHub Actions, Flutter, React

## EDUCATION

2022 - Present Software Engineer at **FPT University**

(GPA: 8.6/10)

- 50% University Scholarship (2022 - 2026)
- Top 100 Software Engineering Students of the Semester (2024)

## SKILLS

### Languages

C#, Python, Javascript, SQL

### Frameworks

ASP.NET Core, FastAPI, ReactJS

### Databases

PostgreSQL, MySQL, SQL Server

### Development Tools

VS Code, Visual Studio, PyCharm

### Deployment Tools

Docker, Github Actions, AWS, Linux

### Concepts

Object-Oriented Programming (OOP), Data Structure And Algorithm (DSA), CI/CD, Agile/Scrum, Cloud,

### English

B2 (Proficient in reading, writing, and speaking)