



# NGUYEN NGOC THIEN PHUC

Back-end Developer (.NET)

## CONTACT

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## EDUCATION

- Oct 2021 - Now  
POSTS AND TELECOMMUNICATIONS  
INSTITUTE OF TECHNOLOGY (PTIT)
- Software Engineering

## SKILLS

- Languages: C# (primary), Java, Python
- Back-end: ASP.NET Core, RESTful APIs, Entity Framework Core
- Database: SQL Server, MySQL, PostgreSQL
- Tools: Git, GitHub, Postman, Docker
- Soft Skills: Problem-solving, Teamwork, Communication

## LANGUAGES

- Vietnamese: Native
- English: Intermediate (Technical Reading & Communication)

## REFERENCES

Nguyen Thi Bich Nguyen  
Academic advisor | Posts and  
Telecommunications Institute of  
Technology  
ntbnguyen@ptithcm.edu.vn

## PROFILE SUMMARY

Back-end Developer with 6 months of internship experience building RESTful APIs using ASP.NET Core at S3WORK. Strong foundation in C#, SQL Server, EF Core, and clean architecture. Seeking a junior .NET backend role to contribute to scalable, real-world systems.

## EXPERIENCE

### ASP.NET Core Back-end Intern | S3WORK

Ho Chi Minh City | March 2025 - August 2025

- Developed and maintained RESTful APIs using ASP.NET Core.
- Worked with Entity Framework Core for data access and ORM mapping.
- Implemented JWT authentication and role-based access control.
- Collaborated via Git workflow and participated in code reviews.

## PROJECTS

### Smart Library System (AI-powered) - Graduation Project

- Built a library platform (admin web + mobile) with borrowing/return workflows and statistics.
- Integrated AI Agent (RAG) for document Q&A and recommendations via n8n + Pinecone + Gemini.
- Designed ASP.NET Core REST API with JWT security; deployed with Docker.
- Source: [github.com/nnthienphuc/Smart\\_Library\\_System](https://github.com/nnthienphuc/Smart_Library_System)

### Personal Portfolio Tracker (Full-stack)

- Developed an investment tracking system supporting multiple asset types with per-user data isolation.
- Implemented backend-driven calculations (avg cost, realized/unrealized PnL) aligned with broker logic.
- Built ASP.NET Core API + SQL Server; containerized with Docker Compose; React dashboard.
- Source: [github.com/nnthienphuc/Personal-Portfolio-Tracker-Website](https://github.com/nnthienphuc/Personal-Portfolio-Tracker-Website)

### Supply Management System (Distributed Database)

- Built a desktop app for inventory import/export workflows for a multi-branch company.
- Applied distributed DB design (horizontal fragmentation across servers) and stored-procedure-based operations.
- Source: [github.com/nnthienphuc/PTIT-Co-So-Du-Lieu-Phan-Tan-De-Tai-Quan-Ly-Vat-Tu](https://github.com/nnthienphuc/PTIT-Co-So-Du-Lieu-Phan-Tan-De-Tai-Quan-Ly-Vat-Tu)