

# Than Trinh Minh Phuc

## Backend Engineering

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### Summary

Motivated Software Engineering student with strong expertise in backend development using .NET technologies and microservices architecture. Experienced in designing scalable RESTful APIs, optimizing database performance, and implementing Docker and CI/CD pipelines. Passionate about building robust, maintainable systems and eager to contribute to dynamic engineering teams.

### Education

FPT University, BS in Software Engineering

Sept 2023 - Current

- GPA: 3.34 /4.0

### Projects

#### Scalable E-Commerce Platform

miFu278/ECommercePlatform

Backend Developer

- Microservices E-Commerce Platform with .NET 9, Clean Architecture, CQRS, Event-Driven design using PostgreSQL, MongoDB, Redis, RabbitMQ, and Kubernetes deployment.

#### Online Code Compiler

miFu278/online-code-compiler

Fullstack Developer

- Full-stack web application for writing, compiling, and executing code online across multiple programming languages with syntax-highlighted editor, real-time output, and secure Docker-based execution with .NET 8, React 19, and PostgreSQL.

#### Real Time Leaderboard

miFu278/real-time-leaderboard-api

Backend Developer

- High-performance leaderboard service with ASP.NET Core 8, PostgreSQL, Redis, and SignalR, implementing Clean Architecture and CQRS for real-time score tracking and live rank updates.

### Skills

**Technical:** C# · .NET 8/9 · ASP.NET Core · REST APIs · Microservices · Clean Architecture · DDD · CQRS · PostgreSQL · MongoDB · Redis · RabbitMQ · Docker · Kubernetes · GitHub Actions · Swagger · JWT · React · Vite · FluentValidation · AutoMapper · Serilog · Prometheus · Grafana

**Soft Skills:** Communication · Teamwork · Problem Solving · Adaptability · Time Management · Leadership

**Language:** English

### Volunteering

Xe Bus Yeu Thuong (Nonprofit Organization), Part-Time Staff

2024 - 2025

- Supported blind massage therapists with operational and organizational tasks.
- Assisted in weekly meal preparation for hospitals and coordinated charity events.

FPT University Volunteer Project - SSG104, Team Leader

2024

- Led fundraising efforts that raised 10 million VND through activities including a painting tote bag workshop.
- Organized supply delivery and support for orphan children at a local orphanage.

### Certificates

Software Development Lifecycle - University of Minnesota

CS50: Introduction to Computer Science - Harvard University