

Phan Quang Tuyền

Ho Chi Minh • quangtuyen.dm08@gmail.com • 0395481028
github.com/phanquangtuyen

Enthusiastic Java Backend Developer with hands-on experience in building scalable RESTful APIs using Spring Boot and Microservices. Passionate about system design, performance optimization, and applying DevOps practices like Docker and Git to deliver reliable software

CAREER OBJECTIVE:

- Become a skilled Backend Developer with strong expertise in Java and Spring Boot within the next 2 years.
- Grow into a Full-Stack Developer capable of handling both frontend and backend systems in 3–4 years.
- Progress toward becoming a Technical Lead who can design and manage scalable systems serving thousands of users in the future.

EDUCATION

Java Backend

Dec 2024 - Oct 2025

VTI Academy

- Built a strong foundation in programming fundamentals using Java Core and MySQL
- Developed practical skills in building RESTful APIs with Spring Boot and Microservices architecture
- Learned to containerize and deploy applications using Docker.
- Gained hands-on experience with Linux OS and system administration, including networking, storage, security, and monitoring
- Practiced API documentation and testing using Swagger and Postman.

Bachelor of Computer Science

Sep 2021 - Aug 2025

The Sai Gon International University

GPA: 3.18 of 4.0

- Focused on software engineering, database management, and API development.
- Developed interest in backend systems and microservice architecture using Java Spring Boot.

SKILLS

Backend: Java, Spring Boot, Spring Cloud, Spring Security

API & Integration: RESTful API, OpenAPI (Swagger), FeignClient, RabbitMQ, Stripe API

Databases: MySQL, SQL server, Redis, MongoDB (basic knowledge)

DevOps & Tools: Docker, Git, Linux, Postman

Others: REST API design, Microservices, OOP, Problem-solving

SOFT SKILLS

- Critical thinking and creative problem-solving
- Accountability, teamwork, and adaptability under pressure.
- Familiar with Agile/SCRUM workflow and Git-based collaboration

CERTIFICATIONS

Certification Backend Java by VTI Academy

Oct 2025

TOEIC - 545 by Educational Testing Service – ETS

Oct 2024

LANGUAGES

Vietnamese (Native proficiency) • **English** (Professional working proficiency)

PROJECTS

Parking Lot Detection Counter

Sep 2024 - Oct 2024

Link github: https://github.com/phanquangtuyen/Parking_lot_detection_counter/tree/phanquangtuyen

Developed a computer vision system to detect and count cars in parking lots in real time, applied YOLOv8-based computer vision for real-time parking management and traffic analytics.

Tech Stack: Python, YOLOv8, OpenCV, NumPy

Main Responsibilities:

- Designed and trained a YOLOv8-based model for vehicle detection.
- Implemented real-time vehicle counting using OpenCV video frame processing.
- Optimized processing speed for deployment on low-end devices.

Achievements:

- Achieved 98% detection accuracy in vehicle counting tasks.
- Enabled real-time performance and seamless integration with smart parking platforms.

Tiny-Commercial

Jun 2025 - Jul 2025

Link github: <https://github.com/phanquangtuyen/tiny-commerce.git>

Backend e-commerce platform with Microservices architecture, enabling product management, order processing, and secure payment with high scalability and resilience.

Tech: Java, Spring Boot, Spring Cloud, MySQL, RabbitMQ, Docker.

Main Responsibilities:

- Designed a microservice architecture with Gateway, Identity, Profile, Product, Cart, Order, and Payment services.
- Integrated Stripe API within Payment Service for secure payments and automatic order updates.
- Implemented inter-service communication using FeignClient (synchronous) and RabbitMQ (asynchronous).
- Developed JWT-based authentication and role-based authorization with Spring Security.
- Designed and optimized MySQL relational schemas for users, products, orders, and payments.

Achievements:

- Completed a functional multi-service e-commerce system with 10 independent modules.
- Delivered a fully functional e-commerce system with real-world Stripe payment workflow.
- Combined FeignClient and RabbitMQ to achieve robust hybrid communication between services.
- Improved maintainability and modularity through a clean microservice structure.