

Pham Trong Hien

Backend Software Engineer Intern

☎ 0862295194 ✉ hienpt.uia@gmail.com 🔗 hienpham.is-a.dev 📍 Thanh Liet, Ha Noi

SUMMARY

Third-year Information Systems student passionate about Software Engineering with hands-on experience in full-stack web development, backend services, and database design. Seeking a Software Engineer Internship to contribute to scalable software solutions while strengthening my software development and system design skills.

EDUCATION

University Of Transport Technology 2023 - 2027

Information Systems - GPA: 3.0/4

Relevant coursework: Software Engineering, Database Systems, Object-Oriented Programming, and System Analysis & Design.

PROJECTS

Laptop Shop (Mobile App) 04/2026 - 05/2026

Backend Developer

Github: <https://github.com/phmhienn/LaptopShop>

- Built a full-stack e-commerce system with a native Android (Java) client and a Spring Boot REST API serving customers and admins.
- Designed a layered backend (Controller–Facade–Service–Repository) with 14 REST controllers and 22 JPA entities over a 22-table MySQL schema.
- Implemented JWT authentication (access + refresh tokens) with Spring Security and USER/ADMIN role-based access control.
- Optimized for ~100 concurrent users via Caffeine caching, HikariCP pooling, and 10+ composite indexes.
- Built a single-Activity Android app (~27 screens, Retrofit) covering search, cart, checkout, reviews, and an admin console.

FigureShop (Website e-commerce) 03/2026 - 05/2026

Full-stack Developer

Github: https://github.com/phmhienn/figure_store

Website: <https://figureshop.qzz.io>

- Built & deployed a full-stack e-commerce site with 24 UI pages (customer storefront + admin panel) supporting instant-purchase and preorder flows.
- Designed a REST API (8 route groups) on Node.js/Express + PostgreSQL (24 tables) with JWT access/refresh auth and 3-role access control.
- Applied DB transactions for multi-item orders for 100% inventory consistency; added 8 middleware layers (rate limit, sanitization, validation, cache, logging).
- Integrated Supabase (Postgres + image storage), Resend (email) and MoMo payment gateway; deployed to Vercel + Render with Cloudflare DNS/SSL/CDN.

SKILLS

Languages	Java, C#, Javascript, PHP
Backend	Node.js, Express.js, ASP.NET Core, RESTful API, MySQL
Tools & DevOps	Git, Github, Docker, Postman, Katalon Studio, Vercel, Render, Railway, Laragon, XAMPP
System Design & Architecture	System Design, RESTful API Design, Database Design, MVC Architecture, Client–Server Architecture, Microservices (Basic), UML Modeling

ACTIVITIES & ACHIEVEMENTS

Google Student Ambassador 02/2026

Microsoft ASEAN AI for Accessibility Hackathon 2026 Vietnam 06/2026