

Than Quoc Thinh

Backend Developer Intern

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OBJECTIVE

Final-year Software Engineering student with project-based experience in building RESTful APIs and designing database schemas using Spring Boot and Node.js. Seeking a Backend Intern role in a professional environment to contribute to backend modules and further develop technical skills.

SKILLS

Programming languages	Java, JavaScript, Python.
Frameworks	Spring Boot, Express.js (Node.js), FastAPI (basic)
Backend	RESTful API design, Authentication & Authorization (JWT, RBAC), Basic Microservices concepts, Monolithic architecture
Database	MySQL, MongoDB
Tools	Git, Postman, Docker, Linux, DBeaver, Visual Studio, Android Studio, IntelliJ

EDUCATION

Ton Duc Thang University	2022 - Present
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Bachelor of Software Engineering

- **GPA: 8.32/10 (Equivalent to 3.3/4.0)**
- Completed coursework includes Data Structures & Algorithms, Database Management, Software Architecture, Service-Oriented Architecture (SOA).

PROJECTS

PentaPulse – Chronic Heart Failure Monitoring Application	Oct 2025 - Nov 2025
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Co-Founder & Backend-focused Full-stack Developer | Startup Project

Technologies: Node.js, Flutter, MongoDB, RESTful APIs, Render, Google Health Connect, Gemini API 2.5.

Description & Contributions:

- Developed backend RESTful APIs for authentication, patient-doctor linking, medication management, and health data ingestion.
- Implemented JWT-based authentication and RBAC; designed MongoDB schemas for time-series health data from Google Health Connect.
- Deployed ML inference service on Render and integrated Gemini API for prescription extraction, reducing manual entry errors.
- Led backend development and production deployment using Render + MongoDB Atlas in a multidisciplinary startup project.
- **Second Prize** – Faculty of Pharmacy Startup Innovation Competition.

Links:

- Source Code: <https://github.com/quocthinhthan/PentaPulse-Health-System>
- Download Demo App: <https://github.com/quocthinhthan/PentaPulse-Health-System/releases/download/v1.0.0/app-release.apk>

RentalHub – P2P Personal Item Rental Marketplace	Oct 2025 - Nov 2025
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Backend-focused Full-stack Developer

Technologies: Node.js, MongoDB, RabbitMQ, Docker Swarm, ReactJS, Nginx.

Description & Contributions:

- Built RESTful APIs with Node.js and MongoDB for authentication, product listings, booking workflows, and rental status management.
- Designed business logic for secure rental transactions and user-to-user interactions.
- Applied event-driven architecture with RabbitMQ for async notifications and media processing to improve system responsiveness.
- Containerized backend services with Docker and orchestrated services via **Docker Swarm** to enable auto-scaling and high availability for the production environment.

- Worked with reverse proxy configuration using Nginx to route requests between frontend and backend services.

Github: <https://github.com/quocthinhthan/Rental-P2P-MVP>

Astronomical Equipment E-commerce Website

May 2025 - Jun 2025

Backend Developer

Technologies: Java, Spring Boot, Spring Security, JWT, Spring Data JPA, MySQL, RESTful API.

Description & Contributions:

- Developed backend RESTful APIs for product management, cart operations, order processing, and user management.
- Implemented authentication and authorization using Spring Security with JWT and role-based access control (RBAC).
- Designed relational database schemas using Spring Data JPA and Hibernate, ensuring integrity and scalability.
- Applied layered architecture to improve maintainability and code modularity.

Github: <https://github.com/quocthinhthan/Telescope-Store-ECommerce>

Demo: https://youtu.be/E7EOuszuiB8?si=gv8aDE0ipqcL_n4c

WORK EXPERIENCE

VietSangHome Company Website (Freelance Project)

Sep 2025 - Nov 2025

Web Developer

- Developed Google Apps Script workflows to automate service request processing, ensure data consistency, and manage structured storage within Google Sheets.
- Integrated Sanity CMS with custom content schemas to support decoupled content management and API-based content delivery for marketing operations.
- Managed end-to-end website development, deployment, and custom domain configuration on Netlify, ensuring stable operation of a live production system.

Links: Live Website – <https://vietsanghome.com.vn> | GitHub (Private)

ACTIVITIES

Faculty of Pharmacy – Ton Duc Thang University

Oct 2025 - Nov 2025

Startup Competition Participant

Participated in the Faculty of Pharmacy startup competition, collaborating in a multidisciplinary team to develop a healthcare technology solution.

Chinese Culture University (Taiwan)

Jul 2025 - Aug 2025

Exchange Student – Information Technology Program

Participated in a one-month academic exchange program, completing 72 hours of IT coursework and basic Chinese language training in an international academic environment.

CERTIFICATIONS

Communication & Persuasive Speaking Skills – TopSkills Vietnam

Nov 2025

Certificate of Completion – 72-hour IT Exchange Program, Chinese Culture University (Taiwan)

Aug 2025

Agile Development & Scrum Framework - Techbase Viet Nam

Apr 2024

HONORS & AWARDS

Second Prize – Faculty of Pharmacy Startup Innovation Competition, Ton Duc Thang University.

Nov 2025

Champion – Inter-Faculty Football Tournament (Faculty of Information Technology & Industrial Fine Arts), Ton Duc Thang University.

Apr 2025