



# TRAN THI HONG PHUC

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## SUMMARY

With an ardent passion for information technology, I have cultivated a robust foundation in programming, specializing in backend development. My curiosity and zeal for knowledge propel me to explore diverse roles within the tech realm, each an opportunity to refine my craft. Committed to perpetual growth and innovation, I aspire to evolve into a skilled Business Analyst and Backend Developer, embracing challenges and weaving my contributions into the ever-evolving tapestry of technology.

## WORK EXPERIENCE

**FPT SOFTWARE QUY NHON:** Intern Backend Developer 01/2024 – 05/2024

- Joined the QAI Business Unit at FPT Software, contributing to projects integrating AI with Java backend development.
- Developed teamwork and communication soft skills through active participation in company projects.
- Learned project implementation techniques, enhancing collaboration and project delivery efficiency.

## PROJECTS

**Dairy Farm Management System:** <https://github.com/Dairy-Farm-Spring-2025> 01/2025 – 05/2025

- **Team size:** 5
- **Description:** The dairy farm management system provides functions for managing cow information, meal and feed information, vaccine and vaccine cycle information, milk information, daily farm work, disease management and the treatment process for cows. The system also provides features to support more optimized dairy farming.
- **Responsibilities:**
  - Develop Java Spring Boot APIs for managing cow profiles, feed schedules, vaccine cycles, milk production, daily tasks, and disease tracking.
  - Research requirements for cow nutrition, health, and vaccines.
  - Deploy project using Docker and Cloudflare for scalability and security.
  - Gather and define farm operation requirements and user stories.
  - Set up CI/CD pipelines, Firebase, Google OAuth2, and Cloudflare for performance and authentication.
- **Technologies:** Java Spring Boot, ReactJS, React Native, MySQL, Firebase, Google OAuth2, FPT AI, Docker, Cloudflare

**Shark Auction - Auction System:** <https://github.com/Shark-Auction> 09/2024 – 11/2024

- **Team size:** 4
- **Description:** Shark Auction is an online platform for auctioning secondhand and limited-edition items. Sellers list products, set auction times, and track bids. Buyers bid manually or use auto-bid, pay via QR code, and track orders. Sellers manage orders and withdraw funds post-transaction. The system supports vouchers, ratings, and admin tools.
- **Responsibilities:**
  - Develop Java Spring Boot APIs for auction functionalities: product listing, bid management (manual/auto-bid), auction timers, order tracking, and fund withdrawal.
  - Analyze business requirements for the secondhand auction platform, defining rules for bidding, seller management, and voucher/rating systems.
  - Integrate PayOs API for QR code payments and JWT for secure authentication.
  - Configure SMTP for email notifications.
  - Set up CI/CD pipelines and deploy with MySQL for data management.
  - Oversee project coordination and admin tool development.
- **Technologies:** Java Spring Boot, ReactJS, MySQL, PayOs API, JWT, SMTP

**Jewelry Auction:** <https://github.com/AuctionJewelry> 05/2024 – 08/2024

- **Team size:** 5
- **Description:** Jewelry Auction is a streamlined platform for trading jewelry. Users create detailed jewelry profiles, get auto-valuations or expert appraisals, and set up auctions. Buyers bid manually or automatically, track auctions, and pay securely via a wallet system. Sellers manage listings, monitor bids, and receive funds post-transaction.
- **Responsibilities:**
  - Develop Java Spring Boot APIs for jewelry profile creation, auto-valuation, auction setup, manual/auto-bidding, bid tracking, and wallet-based payments.
  - Analyze business requirements for jewelry trading, defining rules for appraisals, auctions, and seller fund disbursement.
  - Integrate VNPay API for secure payments and MySQL for data management.
  - Build Java Android for user interaction.
  - Deploy and manage infrastructure using Docker, ensuring scalability and performance.
- **Technologies:** Java Spring Boot, Java Android, MySQL, ReactJS, VNPay API, Docker

**Bird Farm Shop :** <https://github.com/orgs/V-2-P> 09/2023 – 12/2023

- **Team size:** 4
- **Description:** Bird Farm Shop is a website for buying pet birds. Explore a variety of bird species, compare them, read reviews, and get expert advice on bird care. Make informed choices for you and your feathered friends.
- **Responsibilities:**
  - Develop Java Spring Boot APIs for bird catalog management, species comparison, user reviews, and expert advice content delivery.
  - **Analyze business requirements for pet bird sales, defining features for bird selection, care guidance, and user experience.**
- **Technologies:** Java Spring Boot, ReactJS, MySQL, VNPay API, Docker, Cloudflare

## SKILLS

- **Programming Languages:** Java, C#
- **Technologies:** Java Spring Boot, Java Android, C# Unity
- **Databases:** My SQL, PostgreSQL, SQL Server
- **Development Tools:** Docker, Postman, GitHub, Cloudflare, OAuth2, FireBase

## EDUCATION

**FPT University** 09/2021 - 11/2025  
**Major:** Software Engineering  
**GPA:** 3.0/4.0