

Nguyen Thanh Tung

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li2.link/nttung-ba-portfolio

Final-year IoT Engineering student at PTIT with a solid tech foundation and leadership experience reaching The Top 20 IoT Challenge 2025. As a former FPT Software Student Ambassador, I effectively bridge the gap between technical design and business value. Eager to leverage my analytical skills for the BA Intern position at FPT Software.

EDUCATION

Bachelor of Engineering in Internet of Things (IoT)

Oct 2022 - Jun 2027

Posts and Telecommunications Institute of Technology (PTIT)

GPA: 3.33/4.0

Honors: Academic Encouragement Scholarship (2022–2024, 2026).

SKILLS

TECHNICAL PROFICIENCY:

- Databases & Analytics: Database Schema Design (PostgreSQL), Basic Data Analysis (Python).
- Architecture & Integration: System Architecture, Edge AI Integration.

TOOLS & FRAMEWORKS:

- BA & Design Tools: Draw.io, Figma (Wireframing), MS Excel.
- Management & Collaboration: Jira, Trello, Git/GitHub, Agile/Scrum Framework.

SOFT SKILL: Stakeholder Management, Project & Risk Management, Team Leadership, Logical Thinking, Communication.

CORE BA SKILLS:

- Requirement Management: Requirement Elicitation, Functional & Non-Functional Specifications, User Stories, UAT/System Testing.
- Process Modeling: Business Process Modeling (BPMN), System Workflows, Flowcharting.

PROJECTS

InsightCart Nexus – AI-Powered Smart Retail Solution

Role: Team Leader & Business Analyst (Top 20 Nationwide - IoT Challenge 2025)

- **Requirement Elicitation & Risk Management:** Collaborated with stakeholders to elicit business needs; built a weekly risk mitigation framework addressing API conflicts and data noise to ensure project timeline.
- **Process Modeling:** Utilized Draw.io to design end-to-end **Customer Flows, Manager Frameworks, and Background System workflows**, bridging the gap between Edge AI devices and FastAPI backend.
- **Data & Operational Analytics:** Developed a data analytics module using YOLOv8 and Heatmap visualizations, transforming customer traffic patterns into actionable recommendations for store layout optimization.
- **UI/UX Design & Product Features:** Designed functional specifications and Kivy-based wireframes for real-time tracking, product search, navigation, and automated QR payment integration.
- **Testing & System Delivery:** Led User Acceptance Testing (UAT) for hardware-software integration (Raspberry Pi, Loadcell HX711, FastAPI); achieved <2s response time and near 90% item recognition accuracy..

AWARDS

Academic Achievements and Scientific Research

- Awarded a "Very Good" Certificate by PTIT for the Student Scientific Research Project 2023 & 2024
- Top 20 teams nationwide in the IoT Challenge 2025, organized by FPT Software and Silicon Labs

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Student Union Officer (Vice Secretary)

May 2024 - Present

PTIT

Ho Chi Minh City, Viet Nam

- **Process Digitalization:** Replaced manual paper-based tracking with a digital system for student activity points, eliminating data errors and saving significant processing time for 1,000+ students.
- **Event & Team Coordination:** Managed logistics and led volunteer teams for major projects (Green Summer Campaign), ensuring all resources and schedules ran smoothly for large groups.

FPT Software Student Ambassador

Oct 2024 - Oct 2025

FPT Software

Ho Chi Minh City, Viet Nam

- **Stakeholder Management:** Served as the primary liaison between FPT Software and the student community, managing expectations and facilitating professional communication.
- **Analysis & Reporting:** Gathered and analyzed student feedback to optimize the content and delivery of technical workshops and networking events.

CERTIFICATIONS

Google Data Analytics [🔗](#)

LANGUAGES

Intermediate English: Capable of technical reporting and communications. (TOEIC: 570)