Phan Anh Pham

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PROFILE SUMMARY

- Software Project Leader at Samsung R&D Center Vietnam, managing global software releases and coordinating worldwide teams across multiple production regions.
- Innovation-driven: Pioneered AI-assisted workflow optimization in department; passionate about building technology products that solve real problems.
- Strong technical foundation spanning hardware to application layer, with hands-on experience in AI/ML systems, distributed architecture, and data pipelines from Viettel Aerospace Institute.
- Fourth-year Computer Science student at Hanoi University of Science and Technology with cross-functional experience in technical analysis, stakeholder coordination, and end-to-end project delivery.

EDUCATION

Hanoi University of Science and Technology — 2021 - Now
Information Technology — *CPA: 3.4/4.0*

ACHIEVEMENT / CERTIFICATE

- SAMSUNG Scholarship for outstanding SOICT students — Jan 2024
- TOEIC Listening and Reading: 905/990 — Nov 2024

EXPERIENCE

Samsung R&D Center Vietnam | *Software Project Leader* — Jun 2025 – Present

- Manage software release schedule for Samsung PC products across multiple global production regions, coordinating with worldwide teams.
- Analyze and triage issues across full technology stack (BIOS, drivers, OS, applications) — providing first-level technical judgment before routing to appropriate teams.
- Negotiate timelines with quality assurance teams to balance release schedules with product quality.
- Pioneered adoption of AI tools for analyzing test content and issue logs — first in department to introduce AI-assisted workflow optimization.

Viettel Aerospace Institute | *System Engineer - Viettel Digital Talent 2024* — May 2024 – Nov 2024

- Selected for Viettel Digital Talent 2024 — an intensive program focused on high-performance system development.
- Built a Person Search Service: multi-layered C++ facial recognition system processing 4K images from 50 cameras, converting to vector embeddings for similarity search.
- Developed expertise in distributed systems, event-driven architecture, and large-scale data pipelines.

Sun* Vietnam | *AI R&D Intern* — Aug 2023 – Nov 2023

- Fine-tuned SoftVC VITS model to improve Vietnamese singing voice conversion quality.
- Built high-quality podcast audio dataset for model training and evaluation.
- Gained experience in ML model fine-tuning, dataset curation, and Vietnamese NLP.

Object-Oriented Programming Course | *Teaching Assistant* — Oct 2024 – Dec 2024

- Mentored student mini-projects with continuous feedback; designed hands-on Git workflow labs.
- Developed assessment materials and assisted in fair, consistent exam grading.

SKILLS

Technical: C/C++, Python, Java, TypeScript/JavaScript, SQL

AI/ML: Vector embeddings, similarity search, ML model fine-tuning, data pipeline design

Tools & Processes: Git, Docker, Jira, Agile/Scrum, UML modeling

Product: Requirements analysis, cross-functional coordination, end-to-end project delivery

PROJECTS

Leaply | *Technical Lead — AI+X Global 2025*   2025
- Co-building Vietnam's first AI-powered study abroad platform with personalized university matching.
- Architecting the AI matching system using vector embeddings and cosine similarity for multi-dimensional fit scoring (academic, financial, cultural, career).
- Designing scalable system architecture integrating LLM-based mentorship features.

Socket Chatter | *C++, Qt, QML*   Dec 2024 - Now
- Built a real-time LAN messaging app supporting text, images, and video with async architecture.
- Designed responsive UI using QML with Qt's signal-slot mechanism for component communication.

TSP-GA | *Java, JavaFX*   Nov 2023 - Jan 2024
- Led a team to design a genetic algorithm solving the Traveling Salesman Problem with interactive visualization.