📄 Phan Le Nhat Anh — AI Intern

📞 0336 600 020 ✉ anhphanler@gmail.com 🌐 github.com/phanlerda 🔗 linkedin.com/in/anhphanln

🎓 Education

Ho Chi Minh City University of Transport **Oct 2022 - Present**
Major in Information Technology (GPA: *8.57/10*)

💼 Experience

Industry Semester, Ho Chi Minh City University of Transport **Mar 2025 - Present**
AI Research Intern
- Proactively studied and implemented GenAI, RAG, and NLP models using up-to-date documentation and online courses.
- Managed source code and documented project progress on GitHub.
- Researched, evaluated, and compared LLMs such as GPT-3.5, Mistral, Claude 3, and Phi-3.

📚 Project

🔹 **Inquiro AI - Personalized RAG Chatbot Platform**
Tech Stack: FastAPI, Python, RAG, Gemini 1.5 Flash, Qdrant, PostgreSQL, Tavily, Next.js, Tailwind CSS, Zustand, Docker, RAGAs, CI/CD
Link: github.com/anhphanln/inquiro-ai
- Built a fullstack document-based Q&A chatbot platform allowing users to upload and interact with private documents via a responsive web interface.
- Engineered a modular backend using FastAPI with secure JWT authentication and async document ingestion via background tasks.
- Implemented advanced RAG pipeline: hybrid retrieval with Qdrant (dense + sparse), reranking using Cross-Encoder, and agentic orchestration powered by Gemini 1.5 Flash and web search via Tavily.
- Developed a modern SPA frontend using Next.js, Tailwind CSS, and Zustand for state management and real-time source citation display.
- Containerized infrastructure with Docker Compose (PostgreSQL, Qdrant), integrated CI/CD pipelines, and automated quality evaluation using RAGAs.

🛠️ Technical Skills

Programming	Python, SQL, R
ML/AI	PyTorch, Scikit-learn, TensorFlow
Base Models	RNN, CNN, LSTM, Transformers, T5
LLM Models	GPT-4, Gemini-2.0, DeepSeek-R1/V3
Generative AI	LangChain (RAG pipeline), basic fine-tuning
Database/ Vector Database	FAISS, ChromaDB, Qdrant, PostgreSQL, MySQL
Web/App	FastAPI, Flask, React
Others	Git, Docker

📜 Certificates & Courses

- Introduction to Generative AI – Google Cloud Skills Boost
- LangChain for LLM Application Development – LearnPrompting.org × LangChain
- Generative AI with Large Language Models Specialization – DeepLearning.AI × OpenAI

🏆 Awards & Activities

- Awarded Outstanding Student of the Year (2022–2023 academic year)
- Received Merit-based Scholarship from the Faculty of Information Technology (2022–2023)
- Member of Student Research Group at IT Club – UTH, focusing on building internal chatbots