

Nguyen Hoan Thien

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EDUCATION

Vietnam-Korea University of Information and Communication Technology (VKU) 2021 – 2026
Engineer in Global Information Technology GPA: 3.47/4.0

EXPERIENCE

Backend Developer August 2023 – May 2024
SafeHorizons Software Services Co., Ltd Da Nang, Viet Nam

- Developed and maintained backend services using Django REST framework
- Designed RESTful APIs, optimized performance, and improved security
- Worked with PostgreSQL, Redis, and improved database query performance
- Collaborated with frontend developers, ensuring seamless API integration
- Followed Agile methodologies (Scrum)
- Used Git (GitHub/GitLab) for version control, ensuring clean code management and effective collaboration

PROJECTS

Emergix - Unified Emergency Operations & Planning Platform November – December 2024
The 33rd Vietnam IT Student Olympiad - PROCON VIETNAM Third Prize - Open Source Software Category

- Participated in brainstorming and conceptualizing ideas for the competition
- Analyzed, designed, and developed the Communities Module (one of the three core modules)
- Developed the LLM Service using GPT API with RAG and FAISS as the Vector Database
- Built the Notification Service using SMTP (email) and Twilio (SMS) for real-time alerts
- Implemented containerization and deployment using Docker
- Wrote comprehensive documentation for maintainability and knowledge sharing
- Technologies:** Appsmith, Strapi, Dify, SMTP, Twilio, Python, JavaScript/TypeScript

TBest Food - E-commerce Food Delivery Application January – April 2023
Self-Initiated Project Solo Developer

- Designed and implemented the front-end using Flutter for cross-platform compatibility
- Developed the backend with Laravel, implementing secure and efficient API communication
- Integrated Firebase to enable real-time notifications for order status updates
- Implemented core e-commerce features including shopping cart, order tracking, user authentication, and payment integration
- Designed and developed an admin panel for managing orders, products, and user accounts
- Technologies:** Flutter, Laravel, Firebase, MySQL, Git & GitHub

TECHNICAL SKILLS

Languages: Python, C/C++, Java, JavaScript, Dart
AI/ML: Deep Learning, NLP, PyTorch, Scikit-learn
Backend: Django, FastAPI, Flask, ExpressJS
Frontend/Mobile: ReactJS, Flutter
Database: PostgreSQL, MySQL, Firebase, MongoDB
DevOps/Tools: Docker, Git, GitHub, GitLab, CI/CD
Languages: Vietnamese (Native), English (TOEIC 765)

HONORS & AWARDS

Third Prize - Open Source Software Category December 2024
The 33rd Vietnam IT Student Olympiad - PROCON VIETNAM

Consolation Prize - VKU Robocar Innovation Contest May 2023

Third Prize - English Talent Competition VKU October 2022