

# Nguyen Hoan Thien

+84 356496977 | [nguyenhoanthien1312@gmail.com](mailto:nguyenhoanthien1312@gmail.com) | [github.com/Thiennguyen21it](https://github.com/Thiennguyen21it) | Da Nang, Viet Nam

## SUMMARY

I'm a passionate and driven full-stack developer with a strong enthusiasm for programming and artificial intelligence. Currently, I am expanding my expertise in AI/ML, focusing on deep learning, natural language processing (NLP), and model deployment. I continuously strive to enhance my skills, stay updated with the latest technologies, and build innovative solutions that integrate AI into real-world applications.

## 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 Python with frameworks such as Django REST framework
- Designed and optimized RESTful APIs, ensuring high performance, scalability, and security
- Worked with relational and NoSQL databases (PostgreSQL, Redis) to optimize queries and improve data retrieval speed
- Followed Agile methodologies (Scrum), actively participating in daily stand-ups, sprint planning, and retrospectives
- Collaborated effectively with frontend developers and other team members, providing API documentation and technical support
- 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

**Programming Languages:** C/C++, Java, JavaScript, Dart, Python  
**AI/ML:** Deep Learning, NLP, Transformer Models (PhoBERT, BERT), PyTorch, Scikit-learn  
**Frameworks/Platforms:** Flutter, Django, Flask, FastAPI, ExpressJS, ReactJS  
**Tools/Source Control:** Github, Gitlab, Figma, Docker  
**Database Management:** MS SQL Server, MySQL, PostgreSQL, Firebase, MongoDB  
**IDEs/Text Editors:** Visual Studio Code, NeoVim, Android Studio, IntelliJ IDE  
**Operating Systems:** Windows, Linux (Ubuntu, Fedora)  
**Languages:** Vietnamese (Native), English (TOEIC 765)

## HONORS & AWARDS

---

<b>Third Prize - Open Source Software Category</b> <i>The 33rd Vietnam IT Student Olympiad - PROCON VIETNAM</i>	December 2024
<b>Consolation Prize - VKU Robocar Innovation Contest</b>	May 2023
<b>Third Prize - English Talent Competition VKU</b>	October 2022

## INTERESTS & ACTIVITIES

---

- Reading books, IT news and blogs to stay current with industry trends
- Gaming and playing football in free time
- Listening to music while coding