Nguyen Huy Hoang Anh

 Ho Chi Minh City, Vietnam | +84 346409257 | nguyenhuyhoanganh900@gmail.com | github.com/hoanganh2k4

OBJECTIVE

A detail-oriented and proactive Front-End Software Engineer with two years of experience in developing dynamic and user-friendly web applications. **Passionate about creating seamless digital experiences through efficient code, intuitive design, and performance optimization.** Strong problem-solving skills and a collaborative mindset, with experience working in fast-paced environments. Committed to continuous learning and staying up to date with the latest industry trends to deliver high-quality solutions.

TECHNICAL SKILLS

- **DevOps**: Docker, GitHub, GitHub Actions, GitLab CI/CD
- **Programming Languages**: C++, Go, TypeScript, Python, JavaScript
- **Databases**: MySQL, PostgreSQL, MongoDB
- **Web Frameworks**: Pug.js, React, Next.js, TailwindCSS, Sass
- Normal knowledge of **computer networks** and **Linux operating systems**.

EDUCATION

Ho Chi Minh City University of Technology - VNUHCM   GPA: 2.6/4.0
Bachelor of Computer Science   *2022 – 2026*

CERTIFICATE

IELTS 6.0   Apr 2023 – Apr 2025

PROJECTS

Tripzy | *ReactJS, ExpressJS, MongoDB* (**GitHub**) | Team Size: 4   Sep 2024 – Dec 2024
A friendly web travel booking platform

- **Personal Contributions:**
  * Designed and developed the entire user interface (UI) with reusable components.
  * Implemented client-side routing with React Router and integrated backend APIs to display dynamic data.

Fincompass | *MySQL, Java, Spring Boot, HTML, CSS, JavaScript* (**GitHub**)| Team Size: 7   Sep 2024 – Dec 2024
- **Personal Contributions:**
  * Engineered responsive user interfaces across all application pages, implementing performance optimizations and robust data validation mechanisms

HCMUT SPSS | *Python, HTML, CSS* (**GitHub**) | Team Size: 5   Sep 2024 – Dec 2024
- **Personal Contributions:**
  * Designed and developed the user interface (UI) for all pages, optimizing display performance and ensuring data consistency.
  * Built, managed, and optimized the database, enhancing storage and user data authentication while ensuring efficient data retrieval.

FedMalDetect | *Python, OpenFL* (Researching) | Team Size: 2   Mar 2025 - Present
Applying Federated Learning for Android Malware Classification

- Researching and implementing a hybrid feature extraction approach that combines both static and dynamic analysis of APK files to detect various types of malware, including Zero-Day threats.
- Exploring alternative deep learning architectures beyond traditional CNN models to identify the most suitable approach for malware classification.

Inventory Management System, Size: 3   Mar 2025 - Present

• **Objective:** Developed a web-based platform to manage warehouse inventory, track product movement, and monitor stock levels in real-time.

• **Technologies:** Java Spring Boot, Spring Data JPA, PostgreSQL, React, TypeScript, Redux Toolkit.

• **Role:** Full-stack developer, responsible for database design, backend API development, and frontend integration.

• **Outcome:** Delivered a scalable system that streamlined stock tracking and reporting, reducing manual inventory errors by 40%.