



Tran Hoang Huy

SOFTWARE ENGINEER

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- 🌐 <https://github.com/huykg1112>
- 📍 Ninh Kieu, Can Tho

SKILLS

PROGRAMMING LANGUAGE
JavaScript, TypeScript, Python, PHP.

FONT-END
ReactJS, NextJS, Redux, Context API, Tailwind, SCSS, MUI, Ant Design, Shadcn/UI, WordPress.

BACK - END
NestJS, NextJS, JWT, TypeORM, OAuth 2.0 Google.

DATABASE
PostgreSQL, SQL Server, Strapi.

TOOL AI
Chat GPT, GitHub Copilot, Grok 3, v0.dev, Replit., Dreamina.

OTHER
Git, Github, Rest API, GraphQL, VS Code, Cursor, IntelliJ IDEA, Postman, DBeaver, PyTorch, Transformer.

SUMMARY

I'm a final-year Software Engineering student at Can Tho University with hands-on experience in real-world projects as a Front-End and Full-Stack Developer. Skilled in technologies like ReactJS, Next.js, NestJS, and PostgreSQL, I focus on building scalable, user-friendly web applications. Currently, I'm enhancing my technical expertise and English communication skills. My goal is to become a professional Front End Developer, continuously improving with modern web tools and best practices.

EDUCATION

SOFTWARE ENGINEERING.

9/2021 - 12/2025

College Information and Communication Technology, Can Tho University

GPA: 3.55/4.0

MY PROJECTS

MY BACHELOR'S THESIS

4/2025 - 8/2025

Ecommerce Farm Project (Developing)

Overview: Ecommerce-Farm is a scalable e-commerce platform for agricultural products, connecting Farmers, Seller and Agro-Engineers

Role: Full-Stack Developer

Key features:

- User Management: Secure user authentication and role-based access (buyers, sellers, agro-engineers, admin) using JWT.
- Product & Order: Manage agricultural products (CRUD) in PostgreSQL and process orders seamlessly.
- Design: Responsive, farmer-friendly UI with Tailwind CSS and Shadcn/UI.

Technologies: NestJS, JWT, TypeORM, OAuth 2.0 Google, PostgreSQL, Next.js, TypeScript, Tailwind CSS, Shadcn/UI, React-Redux, Reduxjs/toolkit

Link: <https://github.com/huykg1112/project-ecommerce-farm>

GROUP PROJECT: 2 MEMBERS

4/2024 - 8/2024

Booking Homestay Simple Project

Overview: The Booking Homestay project is a web application for searching and booking homestays, featuring various amenities. Three actors of this project include Client, Landlord and Admin.

Role: Front-End Developer

Key features:

- Users can search for homestays based on location, type, price, amenities
- Chat real time
- Admin management

Technologies: Spring Framework, ReactJS, TailwindCSS, MUI, PostgreSQL,...

Link: <https://github.com/tainn03/Homestay-Booking-Client>

EXPERIENCES

ROLE: IT INTERN

6/2024 - 4/2025

UTA Co., Ltd.

Contributions: At UTA Co., Ltd., I developed and optimized web applications, focusing on UI performance and scalability. I built an AI pest diagnosis system for PagoSolution using PhoBERT and enhanced the front-end with ReactJS and

NestJS. Additionally, I developed the UI for the IECES project, improving responsiveness and user experience.

Achievements:

- Improved PagoSolution's AI model efficiency, enhancing pest diagnosis accuracy.
- Optimized UI rendering, reducing load time, improving user interactions.
- Successfully implemented a responsive design for IECES, ensuring cross-device compatibility.

Link: <https://utasolution.com>

ROLE: DEVELOPER INTERN

6/2025 - 8/2025

Green Space Solution

Contributed: At Green Space Solution, I contributed to the Transportation Management System project (AutoTMS). I designed and optimized the web application interface, focusing on performance and scalability. I processed and integrated data into the UI for key modules such as Group Management, Vehicle Management, and Vehicle Maintenance Workflow. I also participated in code review sessions to improve code quality and strengthen team collaboration.

Achievements:

- Enhanced user experience by delivering an intuitive, user-friendly, and high-performance interface by Next JS, Hero UI,...
- Ensured accurate and seamless data integration from the backend to multiple management modules by Nest JS, Strapi, Prisma.
- Contributed to better code quality and team efficiency through active participation in review and optimization processes.

AI AND FRONT-END DEVELOPER

7/2024 - 4/2025

PagoSolution Project (Internal UTA Co., Ltd)

Contributions:

- Built an AI pest diagnosis system utilizing the PhoBERT model, achieving an accuracy ~97% on the sample dataset.
- Developed and optimized the rendering speed of user interfaces.

Technologies: Python, PyTorch, Transformer, NestJS, ReactJS, SCSS, PostgreSQL, GraphQL, Google Colab,...

Link: <https://pagosolution.com>

FRONT-END DEVELOPER

10/2024 - 11/2024

IECES Project (Customer UTA Co., Ltd)

Contributions:

- Developed the front-end interface based on an existing Figma design.
- Implemented responsive layouts, enhancing cross-device compatibility.

Technologies: WordPress - Elementor, MySQL, JQuery, HTML.

Link: <https://ieces.edu.vn>