

# Huy Tran Nguyen Dang

JUNIOR FULL-STACK DEVELOPER

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📍 Binh My, Cu Chi, Ho Chi Minh

🌐 [ethantran.is-a.dev](https://ethantran.is-a.dev)

## INTRODUCTION

- I am a **Full-Stack Developer** with 1+ years of experience, specializing in **web application development** using **React, Next.js, PHP (Lumen/Laravel)**, and **Nest.js**, with a growing focus on **Golang** to enhance my backend capabilities.
- I have contributed to **e-commerce, AI-powered applications, SaaS platforms, and omni-channel systems**, prioritizing **performance optimization, API development, and scalable system architecture. With hands-on experience in web development.** I have successfully developed and maintained various applications.
- In the **next 3 years**, I aim to advance into a **Senior Full-Stack Developer role**, and within **5 years**, transition into a **Technical Lead position**, driving the development of **large-scale, high-impact software solutions**.

## PROFESSIONAL EXPERIENCE

### TIEN PHONG CDS JOINT STOCK COMPANY

Dec 2023 - June 2024

#### Back-end Developer

- **Projects in Charge**
  - **King Coffee, Appnoithat, Eproshop:** Contributed 60%+ to API maintenance, system optimization, and bug fixes to enhance performance and stability. Focused on refactoring legacy code, reducing API response times, and improving error handling.
  - **FlyFood:** Developed new APIs to enhance system functionality, ensuring seamless data processing and integration. Improve API efficiency.
  - **Vincss Single Sign-On:** Developed a secure authentication module with OAuth2 & JWT for improved user security and session management (Packagist).
- **Roles & Responsibilities**
  - Assisted in API development, improved system architecture. Worked on debugging, performance tuning, and ensuring seamless backend operations.
- **Achievements:** Completed assigned tasks within deadlines, demonstrating high adaptability. Received positive performance feedback, setting the foundation for career progression.
- **Demo:**
  - [flyfood.vn](https://flyfood.vn)
  - [us.kingcoffee.com](https://us.kingcoffee.com)
  - [appnoithat.com](https://appnoithat.com)
  - [eproshop.vn](https://eproshop.vn)

#### Full-stack Developer

Dec 2023 - present

- **Projects in Charge**
  - **AI-Code:** A newly developed R&D-driven product where I played a key role in backend module development. Designed a scalable system architecture, modularization, optimized APIs, integrated AWS services (Bedrock, S3,...), implemented Data-Loader to minimize N+1 queries, integrated SSO (Facebook, X, Google), and developed a hybrid GraphQL & RESTful API solution for flexibility and performance.
  - **Vietnam Food Map:** Successfully launched on the AI-Code platform, leveraging its new architecture. Led backend development, focusing on API efficiency.
- **Roles & Responsibilities**
  - Led the development of core backend modules, ensuring efficient AI integration and real-time data processing.
  - Designed and optimized API infrastructure, deployed modular components, and enhanced system performance for scalability and efficiency.
- **Achievements**
  - Successfully launched Vietnam Food Map based on the AI-Code architecture.
  - Recognized for technical excellence. Recommended for salary negotiations twice a year due to contributions.
- **Demo:** [vietnamfoodmap.com.vn](https://vietnamfoodmap.com.vn)

**Front-end Developer**

- **Projects in Charge**
    - Built user interface, connected APIs from the Back-end team, optimized source code, and improved website performance.
    - Handled interface design and logic implementation for various website functions.
    - Applied debounce and throttle, ...etc techniques to optimize interactive application performance.
  - **Roles & Responsibilities**
    - Developed and optimized React, Next.js, and Redux-based applications, improving system responsiveness and efficiency.
    - Collaborated with cross-functional teams, ensuring timely delivery and high-quality product outcomes.
  - **Achievements**
    - Contributed to stable and high-performing web applications, supporting thousands of users.
  - **Demo:** [xuongthuchanh.poly.edu.vn](http://xuongthuchanh.poly.edu.vn)
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**PROJECTS****Golden Lor - Retail Management System****Aug 2024 - Sep 2024****Front-end Developer**

- **Projects in Charge**
  - Implemented user interfaces, ensuring seamless API integration with the backend team. Optimized source code for better performance and scalability. Applied debounce and throttle and more techniques to optimize interactive application performance
  - Developed and managed interface logic for handling resources, food items, and store data, ensuring efficient system operations.
- **Roles & Responsibilities**
  - Developed and optimized Next.js applications, improving system responsiveness and efficiency.
  - Ensured timely product delivery, meeting project deadlines and delivering a fully functional system to customers on schedule.
  - Collaborated with cross-functional teams, ensuring high-quality product outcomes and seamless integration between frontend and backend systems.
- **Achievements**
  - Successfully contributed to stable and scalable web applications, maintaining high performance and user-friendly experiences.
  - Delivered products on time, aligning with project schedules and customer expectations.
- **Demo:** [golden.cyber-nerds.site](http://golden.cyber-nerds.site)

**Perry Toc Chien – A Seamless Dual Booking Platform****Jan 2024 - Apr 2024****Full-Stack Developer**

- **Projects in Charge**
  - Successfully integrated Sepay for seamless online transactions, enhancing user experience and security.
  - Achieved a Real Experience Score (RES) of 100 on Google PageSpeed Insights, ensuring fast and smooth interactions.
- **Roles & Responsibilities**
  - Developed a Next.js-based system with Prisma ORM for PostgreSQL, ensuring efficient database operations.
  - Performance & SEO Optimization: Implemented SEO best practices for faster indexing and improved search rankings.
- **Achievements**
  - Maintained a highly optimized and SEO-friendly platform, boosting search visibility and organic reach.
  - Ensured seamless payment transactions through Sepay, improving checkout flow and user trust.
- **Demo:** [www.perrytocchien.vn](http://www.perrytocchien.vn)

**Full-Stack Developer**

- **Projects in Charge**
    - Built with Next.js, Tailwind CSS, and Framer Motion, integrating OpenRouter (upgraded from OpenAI) to enhance AI-driven language capabilities.
    - AI-Driven Features: Developed key functionalities including:
      - Natural AI Translation – Ensuring smooth and accurate meaning delivery.
      - Grammar Analysis – Understanding sentence structure effectively.
      - Cultural Adaptation – Providing contextually appropriate translations for different languages.
  - **Roles & Responsibilities**
    - Full-Stack Development: Engineered a scalable, ensuring optimal AI integration.
    - Performance & SEO Optimization: Ensured fast load times, enhanced usability, and search engine visibility for maximum reach.
  - **Achievements**
    - Trusted by 300+ users, with real-time monitoring and optimization based on analytics insights.
  - **Demo:** [lexai.cyber-nerds.site](https://lexai.cyber-nerds.site)
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**KNOWLEDGE**

- **Software Architecture:** Microservices, Monolithic, Serverless, Event-driven architecture.
  - **Design Patterns:** MVC, Singleton, Repository Pattern, Factory Pattern, CQRS.
  - **Security Practices:** JWT, OAuth, RBAC, ABAC, OWASP Top 10, Data Encryption.
  - **Performance Optimization:** Caching (Redis, Query Caching, CDN), Load Balancing, API Rate Limiting, Debounce, Throttle, Pagination.
  - **DevOps & CI/CD:** Docker, GitLab CI/CD, GitHub Actions.
  - **Testing & Quality Assurance:** Unit Testing (Jest, PHPUnit), Integration Testing, Playwright, storybook.
  - **Scalability & Cloud Services:** AWS (S3, EC2, Lambda,...), Vercel, Railway, Firebase.
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**SKILLS****Programming**

- **Front-end Development:** JavaScript · (Next.js | React.js) · Typescript · CSS · HTML · Sass · postCSS.
- **Back-end Development:** PHP (Lumen Micro Framework | Laravel) · Node.js · Nest.js · Golang (Learning).

**Technologies & Tools**

Socket.io · Websocket · Cloudinary · Kafka · GraphQL (Apollo), · Restful APIs · Next-auth · JWT.

**Database**

MongoDb · MySql · Postgresql · Supabase · Prisma (ORM) · Firebase · Clerk · Strapi.

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**EDUCATION & CERTIFICATIONS****Technology Information Associate**

Majors: Web Development

- FPT Polytechnic College of Ho Chi Minh
- GPA 3.6

**The Golden Bee Awards Fall****EXTRACURRICULAR ACTIVITIES****Twice Blood Donation**

Binh My commune

**Volunteer Support for COVID-19 Pandemic Prevention at Youth Union of the Commune: Coordinated team efforts to raise awareness and distribute health materials.**