

NGUYEN HOANG THONG – FULL STACK WEB DEVELOPER

Ho Chi Minh City, Viet Nam – (+84) 868 412 519 – ht01252004@gmail.com – hoangthong.asia – linkedin.com/in/hoàng-thông-a89a8327b
github.com/NguyenThong251

WORK EXPERIENCE

DigiMe CO., LTD Role: GIS Data Processing <ul style="list-style-type: none">Developed software solutions for geospatial data processing, improving data accuracy and efficiency.Worked with various data formats (GeoTIFF, Shapefile, PNG, JPG) and GIS tools to extract and visualize information.Gained experience in training AI models for object detection using YOLO, applying deep learning techniques to map-based datasets.	Sep, 2022 – June, 2024 HCMC, VietNam
Softworld Technology Role : Full-Stack Developer Intern <ul style="list-style-type: none">Developed and maintained web applications using Next.js, React, and Laravel.Implemented RESTful APIs and optimized backend performance.Gained hands-on experience in database management, authentication, and cloud deployment.Researched and implemented AI-powered applications using LangChain, integrating LLMs (Large Language Models) for chatbot development and automation tasks.	Jul 2023 – Oct 2023 HCMC, VietNam
MindX Technology Role : Programming Instructor <ul style="list-style-type: none">Taught programming courses on Python, JavaScript, and Web Development to students aged 6-18.Designed and delivered hands-on projects in Scratch, GameMaker, and Robotics.Mentored students in problem-solving and algorithmic thinking.	Nov 2023 – Present HCMC, VietNam
SteamZone Role : EdTech Engineer & Instructor <ul style="list-style-type: none">Developed and programmed IoT model devices using C++, enhancing automation and real-time data processing.Provided technical support for the installation and troubleshooting of CNC machines, 3D printers, and robotic systems.Designed and programmed robotic applications using JavaScript and Python, optimizing functionality and performance.Taught advanced computer science at the primary level, incorporating hands-on STEM activities to inspire creativity and problem-solving skills in young learners.	Nov 2024 – Feb 2025 HCMC, VietNam

TECHNICAL SKILLS

<ul style="list-style-type: none">Programming Languages & Databases: HTML, CSS, JavaScript, TypeScript, PHP, C/C++, Java, Python, Node.js, SQL, MongoDB, Solidity, Sass, XML, PUG, Blockchain(Solidity)Libraries & Frameworks: React, Next.js, Vue, Nuxt.js, AngularJS, Laravel, Node.js, Bootstrap, Tailwind CSS, WordPressDesign & Prototyping: Figma, Photoshop, IllustratorProject Management: Trello, Jira, ClickUp, GitHub, GitLabOperating Systems: Windows, Ubuntu, macOS, Linux	
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EDUCATION

Web Developer FPT Polytechnic College	2022 – Dec 2024 GPA 8.6
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PROJECT

Online learning website - https://www.edunity.online/ Github: https://github.com/NguyenThong251/Edu.git Tech Stack: Laravel, Vue.js, TypeScript, TailwindCSS, Stripe, Python, Figma <ul style="list-style-type: none">Database & API: Designed ERD models, built and optimized MySQL database, and developed RESTful APIs using Laravel.Frontend Development: Built a responsive and dynamic UI with Vue.js to support key functionalities:<ul style="list-style-type: none">Online learning system: Course creation, student & lecturer management, and real-time progress tracking.E-commerce integration: Implemented Stripe for seamless purchases of courses and subscriptions.AI-powered support: Integrated AI Recommendation System to suggest courses and content to students.AI-enhanced assistance: Implemented Google Gemini AI to provide interactive learning support for students.Messaging system: Developed real-time chat and notification features to enhance user engagement.Deployment & Infrastructure:<ul style="list-style-type: none">Backend: Deployed on a VPS server using TrueNAS for high availability and security.Frontend: Hosted on Vercel for fast and scalable performance.	Oct, 2024 – Dec, 2024
Nuxt Game Link github: https://github.com/NguyenThong251/game-nuxt Tech Stack: Nuxt.js, TypeScript, Laravel <ul style="list-style-type: none">Core Gameplay Development: Designed and optimized core gameplay mechanics to ensure a smooth, engaging, and interactive user experience.UI/UX Enhancement: Built intuitive and responsive user interfaces, improving navigation, accessibility, and overall player satisfaction.Multiplayer Integration: Developed real-time multiplayer functionality, allowing seamless player interaction, collaboration, and competition.Engagement & Retention Features:<ul style="list-style-type: none">Implemented in-game rewards, leaderboards, and achievement systems to drive player motivation and long-term engagement.Designed a balanced progression system to keep users engaged while maintaining fair competition.	Dec, 2024 – Jan, 2025

Link github: <https://github.com/NguyenThong251/Order-Food>

Tech Stack: Monorepo (Turborepo), Next.js, TypeScript, Mantine, TailwindCSS, MongoDB, Node.js, Framer Motion

Frontend Development:

- Designed responsive and intuitive UI/UX, ensuring a smooth and engaging user experience.
- Utilized Framer Motion to create fluid animations, enhancing interface interactivity and engagement.

Backend & Database:

- Developed a scalable backend with Node.js & MongoDB, optimizing data retrieval and management.
- Designed an efficient database schema to support real-time order processing.

Key Features & Functionality:

- Implemented a QR code-based food ordering system, allowing customers to scan a table code and place orders without needing an app download.
- Built an admin dashboard to manage orders, track sales, and streamline restaurant operations.
- Integrated a cart and checkout system for easy modifications and seamless payments.

Monorepo Architecture:

- Used Turborepo to efficiently manage multiple codebases within a single repository, enhancing scalability and maintainability.

Link github: <https://github.com/NguyenThong251/laravel-vue>

Tech Stack: Laravel, Vue.js, Inertia.js, TailwindCSS, Stripe

Frontend Development:

- Designed and implemented a responsive, user-friendly UI using Vue.js & TailwindCSS, ensuring a smooth shopping experience.
- Built a single-page application (SPA) with Inertia.js to enable fast, API-driven page transitions without full reloads.

Backend & Database:

- Developed a scalable backend with Laravel, handling product management, user authentication, and order processing.
- Designed a relational database architecture to optimize product storage, customer data, and transactions.

Key Features & Functionality:

- Integrated Stripe payments for secure and seamless checkout.
- Developed an intuitive shopping cart, wishlist, and order tracking system to enhance user engagement.
- Optimized API communication using Inertia.js, reducing latency and improving overall performance.

Performance & Security:

- Implemented authentication & authorization mechanisms to protect user data.
- Optimized database queries and caching strategies for faster load times and scalability.