NGUYEN HONG KHANH
FULLSTACK DEVELOPER

📞 0384228437   ✉ ng.hongkhanh84@gmail.com   🌐 hongkhanh.name.vn   📅 08/04/2000

SUMMARY

Fullstack Developer with 2+ years of experience building scalable web applications using **PHP (Laravel)** and **Vue.js/Nuxt.js**. Proven track record of optimizing high-concurrency systems (**9M+ users**) and architecting automated workflows. Skilled in **DevOps**, third-party API integration (Payment, AI), and leading technical initiatives to deliver business value.

EXPERIENCE

MyAloha Technology Joint Stock Company   Ho Chi Minh City, VN
Fullstack Developer   *Apr 2024 – Present*

- Architected and scaled the core exam platform (**myaloha.vn**) to handle **10,000+ concurrent users**; integrated **Elasticsearch** to optimize search across 100,000+ contests and **9 million+ user records**.
- Developed a real-time leaderboard system using **Redis Queues** and optimized database queries, significantly enhancing user engagement during live contests.
- Built a complete **Payment & Billing ecosystem**: Integrated **Casso** for automated banking payments (using **WebSockets** for instant UX), **Zalo ZNS** for notifications/OTP, and **Viettel Invoice** for automated billing.
- Engineered an internal **Auto-Deployment Tool** that allows non-technical staff to provision servers, source code, and databases for new contests instantly.
- Automated business workflows by integrating **Lark API** (HR/Support response rates) and **Google Apps Script** (auto-generating contracts from CRM).
- Managed VPS Infrastructure: Resolved **PHP-FPM** overloads and Binlog disk issues, implemented backup strategies, and hardened security against DDoS attacks.
- Developed **myportal.vn** (Web portal SaaS system) using **SSR** for SEO optimization and integrated AI features including an OpenAI-based **RAG Chatbot**.

Hybrid Technologies Vietnam   Ho Chi Minh City, VN
Fresher PHP Developer   *Oct 2023 – Dec 2023*

- Collaborated in a 3-member Agile team to build a **Laravel** web application, handling the full SDLC from requirement analysis and DB design to testing and deployment.
- Standardized the development environment using **Docker** for consistency and utilized **GitLab** and Git Secret for secure version control.

TECHNICAL SKILLS

Languages & Backend: PHP (Laravel), Python (Flask), Node.js, RESTful APIs, Webhooks
Frontend Development: Vue.js, Nuxt.js (SSR), Tailwind CSS, JavaScript, SEO Optimization
Databases & Systems: MySQL (Query Optimization), Redis (Queues/Caching), Elasticsearch
DevOps & Security: Docker, Nginx, Linux Admin(Bash Scripting, Firewalls,...), CI/CD, Cloud Basics (Google Cloud Platform, AWS S3)
AI & Integrations: OpenAI API (RAG), Lark API, Google Apps Script, Google Analytics (GA4), WebSocket
Core Competencies: High Concurrency Systems, System Architecture, Payment Gateways, Web Scraping

EDUCATION

Ho Chi Minh University of Transport   Jul 2023
Engineer in Information Technology   *Ho Chi Minh City*

- **Relevant Coursework:** Data Structures and Algorithms (C++), Winform Application (C#), Web Application (PHP), OOP (Java), Machine Learning, AI (Python), Server (Linux CenOS), Team Leader.
- **Activity:** Blood Donation.

CERTIFICATION

IIG TOEIC 690 POINTS   Jun 2023