Vu Dinh Hoang

Web Developer

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[Github](#) / [Linkedin](#) / [Contact form](#)

Overview:

System Engineer with over 3 years of experience in developing information systems and web applications, delivering high-quality solutions through hands-on programming, as well as unit, integration, and system testing. Primarily focused on back-end and server-side development, including infrastructure setup, API design, and maintenance, while also contributing to front-end development, gaining comprehensive full-stack experience. Adaptable to team needs and capable of managing end-to-end system development.

Tech Stack:

- **Backend:** PHP (Laravel), JavaScript/TypeScript (Node.js, Remix), FastAPI

- **Frontend:** React.js, Next.js

- **Databases:** MySQL, PostgreSQL, MongoDB

- **Infrastructure:** Linux (CentOS, Ubuntu), Nginx

- **Cloud Platforms:** GCP (Google Cloud Platform), AWS

- **Other Tools & Platforms:** Shopify ecosystem (apps, themes), Nodemation (N8N), LLM integrations (Langchain, RAG, multi-agent orchestration)

Education:

College of business and communication : 2023

Language:

Vietnamese: Native
Japanese: JLPT N2
English: TOEIC L&R: 500

Work Experience:

July 2025 – Present
Project: Personal Tools Platform
Link: app.vudinhhoang.com
Tech Stack: Laravel, React, InertiaJS, Postgres (Vector DB)
Overview: Web-based platform delivering advanced digital marketing solutions, including bulk email validation, mass email sending, and a drag-and-drop email template builder. Integrated AI agents learn from tenant chat histories to provide personalized and smart form autofill, enhancing user efficiency and engagement.

June 2025 – Present
Project: Nodemation (N8N) Self-Hosted Platform
Link: hoangvu.cloud
Tech Stack: Node.js, Redis, Docker
Overview: Fully self-hosted N8N (Community Edition) platform with extended capabilities, such as queue-based execution, public API access, and 20+ prebuilt workflows tailored for business automation. Designed for reliability, scalability, and seamless workflow orchestration.

Alobridge Company: 2023-April～now

July 2025 – Present
Project: Manager AI – Natural Language Web Application
Overview: AI agent platform that streamlines operations through natural language interaction. Built with LangChain as the orchestrator, it interprets admin input, automates routine tasks, manages system functions, and provides contextual assistance, enabling faster, more efficient operations.
Team Size: 4
Responsibilities:

- Requirement definition & solution design (basic and detailed)

- Backend & frontend implementation (Firebase Functions + Next.js frontend)

- Unit & integration testing

- Deployment & release management
  Technology: Firebase (hosting, cloud functions, Realtime DB, Firestore), Next.js, Node.js (Express), GCP (AI Studio, Vertex, BigQuery, Google Workspace), AI LLMs, LangChainJS, OpenAI, Gemini, Anthropic API

November 2024 – July 2025
Project: Clinic Management System on Shopify
Overview: Shopify-based store offering health services and related products, enhanced with a custom Shopify app to manage appointments, orders, and digital marketing campaigns, including email marketing, upselling, SEO optimization, and product comparisons.
Team Size: 5
Responsibilities:

- Requirement analysis & system design

- Backend & frontend implementation (REST/GraphQL API, SPA)

- Shopify app, storefront, theme development

- Unit & integration testing

- Deployment & release
  Technology: Shopify CLI, Liquid, Remix (TypeScript), Express, AWS (EC2, Aurora RDS, S3, CloudWatch, Lambda), PostgreSQL

June 2024 – February 2025
Project: Freelance Job-Matching Platform
Overview: Small-scale ecosystem connecting freelancers with companies. Freelancers create profiles and showcase skills; companies post jobs and search for talent. Admin panel ensures centralized management.
Team Size: 6
Responsibilities:

- Requirement gathering & system design

- Backend & frontend development (REST API)

- Unit & integration testing

- Deployment & release
  Technology: PHP (Laravel), JavaScript (Vue.js), LAMP stack (Linux CentOS, Apache, MySQL, PHP)

February 2024 – November 2024
Project: Tourism Planning Support SaaS (Feature Upgrade)
Overview: Application leveraging map data to recommend popular points of interest and create personalized travel plans. Features include interactive maps, intelligent suggestions, and travel time estimates.
Team Size: 1
Responsibilities:

- Cloud infrastructure migration

- Requirement definition & solution design

- Business logic modifications for management changes

- Unit & integration testing

- Delivery, release, and ongoing maintenance
  Technology: PHP (Fuel), Python (Django), JavaScript (Ajax, jQuery), AWS (EC2, RDS)

May 2023 – August 2024
Project: Architectural Survey & Reporting Platform SaaS
Overview: SaaS platform for asbestos inspection reporting, providing structured form fields for consistent, accurate, and efficient documentation.
Team Size: 8
Responsibilities:

- Main backend API development & frontend support

- Unit testing

- Feature delivery & release

- Maintenance and support
  Technology: PHP (Laravel), Node.js (Express, TypeScript), React.js (TypeScript), AWS (EC2, RDS, S3)