VU HOANG ANH

Full-Stack Developer

@ vhgah98@gmail.com | linkedin.com | website | Hanoi, Vietnam

SUMMARY

With over 4 years of professional experience, I'm driven to leverage my expertise in full-stack development, front-end technologies, and CI/CD to drive product innovation.
Currently, I'm building a blog to share my experience in technology and refactoring, while also starting two side projects.
My goal is to deepen my knowledge in software architecture and aim to become a senior software developer within the next year.

SKILLS

Frontend

HTML, CSS, Bootstrap, TailwindCSS, Ant Design, Shadcn, JavaScript/TypeSciprt, Vue.js, Astro, Nuxt.

Backend

Laravel, Wordpress, MySQL, NestJS, Kafka, Mongodb, Firebase, API, Redis, Github actions, Docker, Cloudflare, LEMP, CI/CD; Unit/Integration/Feature testing.

Languages

English (fluent), Vietnamese (fluent).

EXPERIENCE

06/2023 - Present

Full-Stack Developer
SENPRINTS .,JSC
- Designed and deployed a region-based backend architecture (US, SG, EU).
- Replaced AWS Global Replication with custom real-time sync system, reducing cost significantly.
- Developed a multi-service eCommerce platform (Storefront, Seller Portal, Admin Dashboard).
- Built Shopify integration app for Fulfillment service.

09/2022 - 05/2023

Middle developer
KiotViet Technology Joint Stock Company
- Optimized the API by 6x by restructuring the database.
- Integrated VueJS-based webview with mobile apps and web apps.
- Built microservices architecture using NestJS and gRPC.

11/2021 - 08/2022

Junior developer
BC Tech Inc
- Worked with Web Servers, Redis, Vue.js, Cpanel.
- Experienced with third-party APIs such as GHTK, GHN, VNPay, Alepay.
- Knowledge of object-oriented programming (OOP).

03/2021 - 10/2021

Developer
KONPANI
- Gained experience working in a startup environment.
- Project design and analysis, project management, working with clients, designing and testing core modules.

EDUCATION

10/2016 - 06/2021
Hanoi, Vietnam

Engineer's Degree in Information Technology
Phuong Dong University

PROJECTS

CMS & Campaign System

- Developed a multi-channel campaign CMS for Sales, Customer Service, and Product teams to create campaigns (inbox, banner, SMS, popup, email, survey).
- Migrated data to improve query speed by 6x after restructuring the database and running cron jobs.
- Built a Vue.js-based widget that fetches data from the API and displays it on the interface, designed for embedding in both mobile apps and websites.
- **Tech Stack:** Laravel, Vue.js, MySQL, Redis, MongoDB.

Eportal

- Built a backend using Microservices architecture with NestJS, enabling services to communicate via GRPC for efficient communication.
- Integrated Kafka for message consumption between services, ensuring real-time data processing.
- Developed the frontend with Vue 2, utilizing Ant Design Vue for UI components to create an intuitive user interface.
- **Tech Stack:** NestJS, GRPC, Kafka, Vue 2, Ant Design Vue.

LOGISTICS FMS Software

- Built a logistics-focused Freight Management System (FMS) to streamline operations across multiple departments including Sales, Customer Service, Declaration, Customs Clearance, and Accounting.
- The system allows offices (Business, Customer Service, Declaration) to create jobs, with each step in the process being managed by a specific department (Sales, Declaration, Customs Clearance, Accounting).
- Costs can be manually entered or automatically generated based on standard rates for each shipment step, with aggregated costs shown in detailed reports.
- Shipments and costs are aggregated into detailed reports for financial transparency and operational oversight.
- Connected with a mobile app for real-time driver management and updates.
- **Tech Stack:** Laravel, MySQL, Redis, Bootstrap-based Admin Template.

Human Resource Management (HRM) software

- Developed an internal HRM system to manage employees, departments, and companies in a centralized platform.
- Supported contract lifecycle management, including allowances, annexes, concurrent positions, and salary levels (probationary and official).
- Tracked attendance, work shifts, overtime hours, extra schedules, leave days, and employee benefits.
- Automated payroll calculations based on timekeeping data and contract terms.
- **Tech Stack:** Laravel, MySQL, Redis, Bootstrap-based Admin Template.

Sube - online retail platform

🔗 https://sube.vn/

- Developed features for user authentication via Google and Facebook, online payments through NganLuong, wallet top-ups, reward points, discount codes, and loyalty programs.
- Built a robust admin dashboard to manage inventory, orders, shipping fees, product reviews, and multi-tier pricing (retail, collaborator, wholesale, dropship). Generated sales reports, best-selling products, profit analysis, and stock movement.
- **Tech Stack:** Laravel, MySQL, Redis, Html, Css.

Pharmacy Management Software

- A SaaS-based Pharmacy Management Software developed using Laravel, Bootstrap, and JavaScript.
- I worked as a team leader, responsible for building all modules, creating the SaaS platform, and integrating APIs with cPanel to handle data communication with the national pharmaceutical system.