HÀ VĂN VINH

FULLSTACK DEVELOPER

July 28, 2004 | 0981228204 | vinhhv28@gmail.com | https://github.com/VinHa28

SUMMARY

Full-stack Developer with hands-on experience in web application development using JavaScript, TypeScript, ReactJS, Next.js, Node.js, and NestJS. Experienced in building frontend interfaces, developing backend services, integrating RESTful APIs, and working with relational and NoSQL databases. Familiar with real-time communication using WebSockets and application deployment with Docker on Linux environments. Eager to learn new technologies, contribute to practical projects, and expand expertise in IoT-connected applications and real-time monitoring systems.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, Java Core (OOP)
- **Frontend:** ReactJS, Next.js, Angular, HTML/CSS/SCSS, Shopify Liquid
- **Backend:** Node.js, Express.js, NestJS, RESTful APIs, GraphQL. JWT Authentication
- **Database:** PostgreSQL, MySQL, MongoDB, TypeORM
- **DevOps:** Docker, Docker Compose, Nginx, AWS EC2, Ubuntu
- **Tools:** Git, GitHub, GitLab, Jira, Figma, Claude Code
- **Other:** ERP, Shopify integrations, Webhooks, Metafields, Microservices Architecture

WORK EXPERIENCE

BSS GROUP

Full-stack Developer | 05/2026 - 10/2026

BSS B2B Solution – A Shopify B2B app with over 10 modules for wholesale businesses

Responsibilities:

- Developed the **Quantity Increment** (QI) module, supporting quantity multiples, min–max limits, and customer/product-specific rules.
- Developed the **Order Limit** (OL) module with rule CRUD operations (duplicate, bulk status toggle, bulk delete), global settings, multilingual notification messages, and data export.
- Implemented Order Limit checkout validation using **Shopify Validation Functions** and app-owned metafields to enforce order quantity rules at checkout.
- Built **ReactJS** admin interfaces for rule management, multilingual notifications, and configuration settings across both modules.
- Developed **RESTful APIs** using **NestJS**, **TypeORM**, and **MySQL**, with request validation and subscription-based feature restrictions.
- Integrated **Shopify Metafields** for storefront configuration synchronization and implemented **TypeScript** validation on product and cart pages using custom extension hooks.

Technologies: TypeScript, NestJS, React, Koa.js, MySQL, TypeORM, Redis, BullMQ, Shopify APIs, GitLab CI, Sentry

FPT SOFTWARE

OJT Frontend Developer (ReactJS) | 04/2025 - 09/2025

Project: Japanese Agriculture – A digital transformation platform that digitizes agricultural planning workflows to improve operational efficiency.

Responsibilities:

- Developed responsive UI screens based on Figma designs using ReactJS
- Customized Ant Design and MUI components to meet project-specific business requirements
- Integrated RESTful APIs with Spring Boot backend and PostgreSQL database
- Analyzed technical issues and proposed effective solutions
- Managed tasks and resolved system bugs tracked via Jira in an Agile environment

Technologies: ReactJS, Ant Design, MUI, ApexCharts, Jira, GitLab, SVN

PROJECTS

Dai Linh Mini ERP (Odoo Stack)

Full-stack Developer | 05/2026 - 09/2026

Custom ERP system developed based on the actual business requirements of Dai Linh Investment and Production Co., Ltd., a mechanical and steel fabrication company.

Team size: 5

Responsibilities:

- **Architecture:** Selected Odoo 17 Community and researched its ORM, module inheritance, and OWL framework to define the customization strategy.
- **Database & Design:** Designed a modular monolith architecture and a 47-table database using Odoo extensions and custom models.
- **Technical Leadership:** Defined coding conventions and module dependencies, conducted code reviews, and guided technical decisions
- **Development:** Built custom CRM and Product modules covering RFQ, BOM, and pricing workflows.
- **Deployment:** Deployed on an Ubuntu VPS using Docker Compose, PostgreSQL, and Nginx; configured HTTPS, firewall, and backup/restore workflows.

Technologies: Odoo 17 Community, Python, PostgreSQL, Docker Compose, Nginx, Ubuntu

Restaurant Management System

Full-stack Developer

Restaurant management platform for employee management, reservations, order processing, and kitchen operations.

Demo: https://rms.vinhhv28.site

Responsibilities:

- Designed MongoDB schemas and implemented RESTful APIs using Express.js.
- Developed a management dashboard and real-time Kitchen Display System (KDS) using WebSockets.
- Deployed on AWS EC2 Ubuntu using Docker Compose and Nginx Proxy Manager.

Tech stack: MongoDB, Next.js (App Router), Node.js (Express.js), Tailwind CSS, Ant Design, Web Socket, AWS

VivuViet

Team Leader/Full-stack Developer

Tourism platform for exploring Vietnamese destinations and managing partner service tiers.

Deploy: https://vivuviet.info.vn

Responsibilities:

- Designed UI/UX mockups in Figma and developed frontend and backend features using Next.js and Express.js.
- Implemented dynamic SEO metadata and Google Analytics 4; deployed on AWS EC2 using Nginx Proxy Manager.

Tech stack: MongoDB, Next.js (App Router), Node.js (Express.js), Tailwind CSS

EDUCATION

FPT University, Hanoi | 09/2022 - 09/2026
Software Engineering | GPA: 7.57/10

CERTIFICATIONS

- Project Management Principles and Practices — University of California, Irvine (09/2025)
- Software Development Lifecycle Specialization — University of Minnesota (09/2024)
- Web Design for Everybody: Basics of Web Development and Coding — University of Michigan (05/2024)