



Nguyễn Viết Bảo

Software Developer | ERP · POS · Fullstack (Vue.js & Node.js)

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OBJECTIVE

Software Developer with 4+ years of experience building business software: ERP, POS, inventory & warehouse management, booking and accounting tools. I work mainly with Vue.js/Nuxt.js on the frontend and Node.js/MongoDB on the backend, and can own a product end to end, from requirements to deployment.

Hands-on experience connecting hardware (barcode scanners, receipt printers, payment terminals) into one ecosystem, supporting end users, and troubleshooting software and device issues.

I enjoy working with operations teams to turn manual, error-prone processes into software that saves real time, and I strive to build systems that are stable, easy to use and easy to maintain.

WORK EXPERIENCE

trolyhoaddon.vn

Dec 2025 - Present

FULLSTACK DEVELOPER (FOUNDER)

Own product. Built and operate an invoice assistant platform that helps accountants automate time-consuming, error-prone data entry. Owned the full stack: FE, BE, database, API and server.

- Grew to **nearly 200 users** (accountants & businesses) since launch.
- Cut **~70% of manual data-entry steps** for accountants.
- Designed REST APIs with **Node.js** and the **MongoDB** data model.
- Integrated **SePay webhooks** for automatic payment confirmation & plan activation.
- Built a small **self-hosted server** to run the system; handle deployment, monitoring and user support.

Smart Digitech Co LTD (DTS)

Jan 2023 - Present

FRONTEND DEVELOPER

Client: Fastboy (fastboy.net). Built ERP modules, CRM and the business software ecosystem: check-in, booking, calendar, restaurant POS, retail POS and warehouse management, connected to hardware devices.

- Built **ERP modules**: sales, purchasing and inventory management, working closely with business users.
- Developed **check-in, booking & calendar** apps for service businesses.
- Built **restaurant & retail POS** and **warehouse management** (stock in/out, stock levels).
- Connected **barcode scanners, receipt printers and payment terminals (PAX, Clover)** to the POS, handling **1,000+ transactions/day**.
- Built an **offline-first POS** that keeps working with zero downtime during network loss.
- Improved **Lighthouse score from 65 → 95** and cut bundle size by **~40%** via code-splitting, lazy loading & Vite optimization.
- Built applications with **Vue 3 and Nuxt 3** serving **5,000+ monthly active users**.

HAZO VIETNAM JSC

June 2022 - May 2023

- Built CRM and internal sub-applications; integrated POS with **PAX, Clover, MagTek** for secure card & QR payments.
- Improved SEO, lifting organic traffic by **~30%** across multiple projects.
- Collaborated with backend teams to handle complex real-time data flows.

WORDPRESS DEVELOPER

Built websites from Figma and Photoshop files; created animations and motion effects with HTML, CSS and JavaScript.

- Delivered **15+ WordPress websites** (WooCommerce, Custom Post Type, Custom Field).
- Built e-commerce solutions for retail and service clients.
- Worked with **MySQL** databases and managed hosting (**cPanel, DirectAdmin**).
- Researched and adopted new technologies to improve performance.

PROJECTS

trolyhoadon.vn

Dec 2025 - Present

FULLSTACK DEVELOPER (FE, BE, DB, API)

Client: Own product

Technologies: Vue.js, Node.js, MongoDB, REST API, SePay Webhook

Link: trolyhoadon.vn

Description:

- Invoice assistant that automates time-consuming, error-prone data entry, making accountants' work **~70% faster**.
- **Nearly 200 users** since launch.
- Integrated **SePay webhooks** to receive payments and activate plans automatically.

Fastboy Business Ecosystem

June 2023 - Present

FRONTEND DEVELOPER

Client: fastboy.net (Smart Digitech Co LTD)

Technologies: Vue 3, TypeScript, Pinia, Ant Design, TailwindCSS, PAX/Clover, Scanner & Printer

Link: fastboy.net

Description:

- Complete suite for service, restaurant and retail businesses: **check-in, booking, calendar, restaurant POS, retail POS** (POS Lite, offline-first).
- **Warehouse management** with stock in/out tracking.
- Connected to **barcode scanners, receipt printers and payment terminals**.

Newzen-Social

Aug 2024 - Oct 2024

FRONTEND DEVELOPER

Client: Smart Digitech Co LTD (DTS)

Technologies: Vue 3, Pinia, TailwindCSS, REST APIs

Description:

- Content management tool connected to **Facebook, Instagram and Google**, allowing users to publish posts across multiple accounts.
- Supports posts, stories, reels and Google Photos.

Newzen-Manage

Oct 2023 - Jul 2024

FRONTEND DEVELOPER

Client: B2B Clients

Technologies: Vue 3, Nuxt 3, Pinia, TailwindCSS, Cloudflare

Description:

- Management application for static websites that lets users add, delete and edit template content.
- Supports **automated deployment to Cloudflare subdomains**.

EDUCATION

Aug 2019 - May 2022

COMPUTER PROGRAMMING

Ton Duc Thang College

GPA: 7.5/10

Strong foundation in computer science and programming.

SKILLS

ERP & Business: ERP modules (sales, purchasing, inventory), warehouse & stocktaking, retail & restaurant POS, booking, check-in & calendar, invoice automation, dashboards & reports

Frontend: HTML5, CSS3, SCSS, JavaScript, TypeScript, Vue 3 (Composition API, Vue Router), Nuxt 3 & SEO, Pinia, TailwindCSS, Ant Design, Element Plus, Nuxt UI, Figma to code

Backend & Database: Node.js, Express, REST API, MongoDB (schema design, aggregation), MySQL/SQL, SePay webhooks, 3rd-party APIs, authentication & role-based access, PocketBase

Hardware & IT: Barcode/QR scanners, receipt & label printers, PAX/Clover/MagTek terminals, device setup, troubleshooting, self-hosted server

Architecture: DAO/DTO, Clean Code & SOLID, scalable component architecture, performance optimization, offline-first

Tools: Vite, PNPM, Yarn, Git, GitLab, Cloudflare, cPanel, DirectAdmin, WordPress, WooCommerce