

Dương Văn Mạnh

Front-End Developer

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PROFESSIONAL OBJECTIVE

Front-End Developer with 2 years of professional experience building user-focused web applications using modern JavaScript frameworks. Strong understanding of responsive design, API integration, and collaborative software development practices. Passionate about creating intuitive user experiences and continuously improving technical skills. Seeking opportunities to contribute to challenging projects, grow as an engineer, and progress toward a Mid-Level Front-End Developer role.

EDUCATION

Hanoi University of Mining and Geology (HUMG) 2021 - 2025

Software Engineering in Information Technology

GPA: 3.37/4

Received 5 academic scholarships for academic excellence.

SKILLS

FRONTEND: Vue.js, Nuxt.js, React.js, JavaScript, TypeScript, HTML5, CSS3/SCSS, Tailwind CSS

BACKEND Node.js/Express.js, PHP

MOBILE Dart/Flutter

DATABASE SQL Server, MySQL, Redis

TOOLS & WORKFLOW Git, Jira, Agile/Scrum

LIBRARIES & SERVICES Vuetify, Ant Design Vue, Socket.IO, PeerJS, Firebase, Cloudinary, GSAP, AOS

DEVOPS & DEPLOYMENT Docker, VPS, Linux

AI SUPPORT MCP Server, Github Copilot, Claude, ChatGPT Plus

RELEVANT SKILLS

- Strong understanding of modern web application architectures, including SPA, CSR, SSR, and Static Site Generation (SSG).
- Experienced in developing SEO-friendly and high-performance applications using Nuxt.js SSR and Static Generation strategies.
- Knowledge of rendering strategies, caching mechanisms, and performance optimization techniques for large-scale web applications.
- Experienced in optimizing application performance through Virtual Scrolling, Lazy Loading, Debouncing, Throttling, Pagination, Web Workers, and IndexedDB.
- Proficient in RESTful API integration, state management (Pinia, Vuex), and reusable component architecture design.
- Experienced in analyzing business requirements and translating them into maintainable Front-End solutions.
- Familiar with Agile/Scrum workflows, Jira task management, Git collaboration, code review processes, and cross-functional teamwork.

PROFESSIONAL EXPERIENCE

NEWWAY TECHNOLOGY SOLUTIONS JOINT STOCK COMPANY

08/02/2026 - now

Frontend Developer

CPMS — Cloud Property Management System

Contributed to the development and maintenance of a cloud-based Property Management System (PMS) serving multiple hotel and hospitality businesses.

- Developed and maintained key hotel and restaurant management features, including table ordering, menu ordering, bill discounts, order transfers, and operational workflows.
- Built real-time functionalities to improve communication and synchronization between departments and service staff.
- Developed dashboards, reports, and data visualization interfaces to support hotel operations and business decision-making.
- Collaborated with Deployment Team, Business Analysts, QA Engineers, and Back-End Developers to analyze business requirements and deliver scalable solutions aligned with customer needs.
- Participated in requirement gathering, task estimation, sprint planning, and Agile/Scrum development processes.
- Maintained and enhanced existing modules, resolved production issues, optimized user experience, and improved application stability.
- Worked with RESTful APIs, state management, and reusable component architectures to ensure maintainability and scalability across the platform.

Environment: Vue3, JavaScript, TypeScript, RESTful APIs, Git, Jira, Agile/Scrum.

NekSolution Company Limited (NekSolution Co., Ltd.)

04/06/2024 - 06/02/2026

Frontend Developer

3D Viewer — Front-End Developer

- Built a 3D web application using Nuxt 2, Tailwind CSS, Ant Design Vue, and Three.js.
- Implemented JWT & Google OAuth authentication with role-based access control.
- Rendered and optimized interactive GLB models with performance-focused state management (Vuex).
- Deployed to VPS and optimized production performance.

CMS Streamie — Front-End Developer

- Developed CMS using Nuxt 3, TypeScript, Tailwind CSS, Ant Design Vue.
- Managed state with Pinia; built reusable, scalable components.
- Integrated Spine Web Player for 2D animation management.
- Configured VPS deployment and production optimization.

Landing Page (Streamie, NekSolution) — Front-End Developer

- Developed SEO-optimized landing pages with Vue 3 and Tailwind CSS.
- Implemented animations using GSAP and AOS for enhanced UX.
- Integrated Web3 features using Ethers.js (wallet connection, smart contract interaction, presale features).
- Ensured responsive design, clean architecture, and production-ready deployment.

Core Tools & Technologies

- Vue 3, Nuxt 2/3, TypeScript, Tailwind CSS, Ant Design Vue, Three.js, Vuex, Pinia, GSAP, AOS, Ethers.js (Web3), Git, Figma, MCP architecture, VPS deployment, SEO optimization.

PERSONAL PROJECTS

Vibe — Social Networking Web Application

30/05/2024 - 05/12/2024

https://github.com/robben45712gzsdd/vibe_social_server.git / https://github.com/robben45712gzsdd/vibe_social_client.git

Role: Full-Stack Developer (Solo Project)

Demo: <https://vibe-sn-client.onrender.com>

Project Overview

- Designed and developed a full-stack social platform featuring real-time messaging, video calls, Web3 payments, and interactive 3D product visualization.

Front-End Development

- Built a responsive and reusable component architecture using ReactJS, Material UI, and SCSS.
- Developed interactive 3D product experiences with Three.js while optimizing rendering performance and resource loading.
- Implemented social authentication and face recognition features using FaceAPI.
- Applied performance optimization techniques including lazy loading, code splitting, caching, and efficient state management.
- Ensured responsive UI/UX consistency across desktop and mobile devices.

Back-End Development

- Designed and implemented scalable RESTful APIs using Node.js, Express.js, and MySQL.
- Developed JWT authentication and role-based authorization mechanisms.
- Integrated Redis caching to improve application performance and reduce database load.
- Implemented end-to-end encrypted messaging using RSA encryption.
- Built real-time communication features with Socket.IO and PeerJS, including messaging and video calling.
- Integrated Web3 payment functionality using Ganache, Ethers.js, and Web3.js.

- Managed media uploads and delivery through Cloudinary.

Deployment & DevOps

- Containerized the application using Docker and deployed it to a VPS environment.
- Configured production-ready deployment workflows and service management.
- Applied monitoring, optimization, and scalability considerations for production usage.

Online Music Streaming Web Application

27/08/2023 - 20/08/2024

<https://github.com/robber45712gzsd/zimgp3>

Role: Full-Stack Developer (Solo Project)

- Built a music streaming platform supporting audio playback, song/album uploads, and playlist management.
- Integrated VNPay payment gateway for premium features and subscription upgrades.
- Developed backend using PHP and MySQL, managing users, songs, albums, and transactions.
- Designed an optimized database schema to ensure performance and scalability.
- Utilized Cloudinary for media storage and processing (images and audio files).

FoodApp — Food Ordering Mobile Application

10/12/2023 - 24/12/2023

<https://github.com/robber45712gzsd/FoodApp.git>

Role: Full-Stack Developer (Solo Project)

Frontend (Flutter / Dart)

- Developed a cross-platform mobile application (Android & iOS) using Flutter.
- Implemented core features including food ordering, cart management, checkout, and product reviews.
- Optimized UI responsiveness and performance to enhance user experience.

Backend (Node.js, Express, MySQL)

- Designed and managed MySQL database schema and queries.
- Built RESTful APIs to integrate seamlessly with the mobile frontend.
- Implemented business logic for user management, products, orders, and payments.
- Optimized API response time and ensured system stability and reliability.

TikTok Clone — Web Application

20/11/2022 - 30/11/2022

https://github.com/robber45712gzsd/tiktok_clone

Role: Front-End Developer (Solo Project)

- Developed a TikTok homepage clone using ReactJS and SCSS, replicating real-world UI and user experience.
 - Structured reusable and scalable components with clean, maintainable code architecture.
 - Implemented responsive design to ensure cross-device compatibility and consistent performance.
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