

Nguyễn Minh Thiện

Full Stack Developer

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ABOUT ME

Full Stack Developer experienced in building end-to-end web and mobile solutions with Laravel, Next.js, ReactJS and React Native, backed by MySQL and PostgreSQL databases, from API design to cloud deployment on Azure, AWS and GCP. Passionate about connecting software with real-world devices through IoT and Bluetooth projects. My goal is to become a well-rounded software engineer who leads the technical design of scalable, cloud-based products.

EDUCATION

UNIVERSITY OF INFORMATION TECHNOLOGY, VIETNAM NATIONAL UNIVERSITY - HO CHI MINH CITY
2014-2019

Bachelor of Engineering in Computer Engineering

WORK EXPERIENCE

UFO Technology and Trading Co., Ltd. – Full Stack Developer **05/2024-PRESENT**

- Designed and developed full-stack e-commerce platforms with PHP Laravel and MySQL, covering online ordering, payment integration (VNPay, MoMo, ZaloPay and others), OTP login via SMS and Zalo, order and customer management, internal management tools, and personalized product recommendations with Appier AIQUA, from requirements analysis and database design to production deployment.
- Designed an automated camera capture system to monitor packing operations and built the integration between the cameras and the company's system.
- Built, deployed and maintained Linux servers on Microsoft Azure using Docker, managing the cloud infrastructure for production applications.
- Administered the company's office network and camera surveillance systems.
- Built Laravel websites for partners across e-commerce, booking and recruitment: Sokfarm (sokfarm.com) with personal data protection features compliant with Vietnam's Decree 13/2023, Moon River Cruises (moonrivercruise.com) with online tour booking, and TPECO (tpeco.vn) with a recruitment module for job search, filtering and online applications with CV upload.
- Developed and maintained two Laravel platforms in the company's agritech ecosystem: MyFarm (myfarm.asia), where consumers join smallholder farming campaigns and order daily produce online, and Demeter (demeter.vn), a bilingual agritech website with a product catalogue, service pages and consultation forms.
- Built the Vedan Mall e-commerce website (vedanmall.com) with Laravel and its mobile app with React Native, featuring product browsing, search and online ordering.
- Built Karose, a cosmetics e-commerce platform serving two storefronts on separate domains from one Laravel codebase, with shared customer accounts, per-storefront catalogues, Viettel Post shipping integration and SePay bank-transfer payments via webhooks.

UFO Technology and Trading Co., Ltd. – Frontend & Backend Developer **03/2023-04/2024**

- Developed RESTful APIs with PHP Laravel and MySQL and maintained the company's e-commerce app and websites based on requests from internal departments.
- Contributed to building and developing Laravel websites, from feature implementation to ongoing enhancements.
- Managed cloud infrastructure on Google Cloud Platform and AWS.
- Built and deployed a Zalo Mini App for Foodmap with product browsing, search and online ordering, extending the company's e-commerce services to users on the Zalo platform.

UFO Technology and Trading Co., Ltd. – Frontend & Mobile Developer **11/2021-02/2023**

- Built cross-platform mobile applications with React Native for IoT and e-commerce products, including the Demeter app that connects to IoT sensors over MQTT on Wi-Fi and tracks drone flights.
- Handled the build and release process on the App Store and Google Play.
- Developed commerce and service websites using ReactJS.

Bien Hoa Computer JSC – IT Engineer **05/2019-09/2021**

- Designed, installed and maintained time attendance systems for client businesses.
- Administered and maintained company IT systems, provided computer support and handled hardware installation to keep daily operations stable.
- Maintained and developed WordPress websites, including customization, updates and troubleshooting.

TMA Solutions – Embedded Engineer Intern **08/2018-03/2019**

- Designed a ROS-based remote driving system that controlled a vehicle over a 5G network.
- Built the control prototype on Raspberry Pi, integrated with a steering wheel input device and a monitoring display.

FREELANCE PROJECTS

Kay.ca Co., Ltd. – Full Stack Developer & 3D Designer (Freelance) **07/2025-PRESENT**

- Built a bilingual (Vietnamese/English) full-stack website with Next.js and PostgreSQL to showcase the company's 3D design, printing and sculpture services.
- Developed an interactive 3D pot design feature that lets customers create and customize planter models directly on the website.
- Designed and produced 3D-printed products.
- Integrated AI tools into the 3D design workflow to speed up prototyping.

VierCycle Micro Mobility JSC – Mobile Developer (Freelance) **05/2024-03/2026**

- Developed a React Native mobile app that connects to e-bike conversion kits via Bluetooth Low Energy (BLE), letting users manage their personal bikes and track their location.
- Published and maintained the app on the App Store and Google Play.
- Developed a React Native app that connects via Bluetooth Low Energy (BLE) to battery-powered pedal-assist kits for bicycles, letting riders adjust assist levels, monitor battery and speed, and track trips and location.

SKILLS

Web & Mobile

- PHP, Laravel, RESTful API
- JavaScript, TypeScript
- ReactJS, Next.js, React Native, Zalo Mini App
- WordPress, App Store / Google Play release

Cloud, Database & DevOps

- MySQL, PostgreSQL
- Microsoft Azure, AWS, Google Cloud Platform
- Docker, Linux
- Git, server deployment & system administration

Other

- IoT, Bluetooth (BLE) integration
- AI tools in 3D design workflow
- ROS, Raspberry Pi
- Network administration, camera surveillance systems

LANGUAGES

- Vietnamese
- English Professional working proficiency (TOEIC L&R 730, S&W 260)