

Nguyễn Thế Hoài Nam

Fullstack Developer



PERSONAL INFORMATION

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OBJECTIVE

I am a Fullstack Developer with **2 years of intensive experience in Backend development** using PHP (Laravel) and Node.js (NestJS/Express). Additionally, I possess **over 1 year of hands-on experience in Frontend technologies** (VueJS, ReactJS) and building cross-platform desktop applications with **ElectronJS**. Having successfully delivered various projects ranging from CMS, E-commerce to heavy-data processing tools, I am seeking a challenging opportunity to leverage my full-stack capabilities, contribute to scalable system architecture, and continue growing in a dynamic professional environment.

SKILLS

BACKEND (2 YEARS EXP)

PHP (Laravel), Node.js (NestJS, Express), RESTful APIs, Microservices basics

FRONTEND & DESKTOP (1 YEAR EXP)

WORK EXPERIENCE

TEKTRA TECHNOLOGY AND TRADING JOINT STOCK COMPANY

6-2023 - 11-2024

BACKEND DEVELOPER

API Development: Designed and developed scalable RESTful APIs using **PHP (Laravel)** and **Node.js (NestJS)**, serving high-traffic web applications.
Frontend Implementation: Transformed UI/UX designs from Figma into pixel-perfect, responsive interfaces using **Vue.js** and **React.js**.
System Integration: Collaborated with cross-functional teams to define API specifications, ensuring seamless integration between Frontend and Backend services.
Performance & Security: Optimized complex **MySQL** queries and implemented caching strategies (Redis) to enhance performance. Secured user data using JWT authentication and RBAC (Role-Based Access Control).
DevOps & Deployment: Managed application deployment on **Ubuntu Linux** servers; configured Nginx, domains.

BOS Academy Co., Ltd

12-2024 - Present

FULLSTACK DEVELOPER

Fullstack Development: Built and maintained comprehensive ERP modules (CRM & HRM) using **Laravel** for robust backend APIs and **Nuxt 3** for a high-performance, responsive frontend user interface.
Desktop Application: Developed a cross-platform desktop application using **ElectronJS**, implementing complex logic for real-time data synchronization between client apps and the central server.
Database Optimization: Designed and managed **SQL Server** databases; optimized stored procedures and complex queries to handle large-scale enterprise data efficiently.
System Deployment: Configured and deployed the application ecosystem on **Windows Server** environment, ensuring high availability and security.
Feature Implementation: Collaborated with the team to analyze requirements and implement key business features for human resource management and customer relationship workflows.

PROJECT

BOS Academy Co., Ltd

12/2024 - Present

BOS ERP

Enterprise Resource Planning (ERP) System (Integrated CRM & HRM) *Description: A comprehensive enterprise management ecosystem including CRM (Customer Relationship Management) and HRM (Human Resource Management) modules to streamline business operations.*
Team size: 15
Role: Fullstack Developer

Vue.js (Nuxt.js), React.js (Next.js), ElectronJS

DATABASE & STORAGE

MySQL, MongoDB, SQLite, Redis.

DEVOPS & TOOLS

Git, Docker, CI/CD, Ubuntu Linux, Window Server

EDUCATION

● Hanoi Polytechnic College(HPC) 2020 - 2023
Information Technology

INTEREST

Fitness & Sports: Gym, Outdoor sports.
Reading: Detective & Historical Fiction
Gaming: Strategy games and logic puzzles
Fishing: Recreational Fishing (Focus & Patience).
Travel: Traveling & Cultural Exploration, Fishing

Responsibilities:

Time & Attendance Management: Developed a robust attendance tracking system handling complex shift scheduling (rotating shifts, split shifts). Implemented algorithms to process raw time-logs from biometric devices and GPS locations into valid timesheets.

Business Trip & Workflow: Built a digitalized **Business Trip Management** module with a dynamic multi-level approval workflow. Integrated trip data automatically into the attendance and allowance calculation systems.

Dynamic Payroll Engine: Architected a highly flexible **Payroll Calculation System** that allows users to define custom formulas (similar to Excel expressions) for salary, tax, and insurance.

Performance Optimization: Optimized **SQL Server** Stored Procedures to handle bulk payroll processing for thousands of employees in seconds, ensuring 100% data accuracy.

Desktop Integration: Utilized **ElectronJS** to build client-side background services for syncing attendance data from local machines to the central server.

Technologies: PHP (Laravel), Vue.js (Nuxt 3), ElectronJS, SQL Server, Windows Server.

● TEKTRA TECHNOLOGY AND TRADING JOINT STOCK COMPANY(After-hours Initiative)

7/2024 - 11/2024

NEXTADS

Role: Fullstack Developer
Team size: 10
Responsibilities: Login, registration, and authorization. - Developing a Content Management System (CMS) to manage data and content.
-Manage news.
-Manage games, categories.
-Manage campaigns.
-Manage play credits.
-Integrating payment methods such as VNPAY, MOMO, ... -
-Manage game configuration per user.
-Deploying the product on Ubuntu Linux servers
Technologies: NodeJs(NestJS), MySQL, VueJS(Nuxt 3), ReactJS(Next 14), Linux...

● TEKTRA TECHNOLOGY AND TRADING JOINT STOCK COMPANY

8/2024 - 11/2024

AHOMES

A website that connects property owners and tenants, offering key features such as managing property owners, managing tenants, handling invoice payments, managing the entire building and rental rooms.

Role: Frontend Developer
Team size: 20
Responsibilities: Login, registration, and authorization.
- Developing a Content Management System (CMS) to manage data and content.
- Manage property owners.
- Manage tenants.
- Manage handling invoice payments.
- Manage the entire building and rental rooms.

- Manage rental contracts.

Technologies: ReactJs(Next 14),Linux

TEKTRA TECHNOLOGY AND TRADING JOINT STOCK COMPANY

6/2024 - 8/2024

VIECTHOIVU.VN

A job recruitment website with key features including search,filtering, SEO optimization, login and registration (Facebook and Google), jposting, job application, real-time notifications, interview scheduling, usgroup management,

Role: Backend Developer

Team size: 8

Responsibilities:

- Login, registration, and authorization.
- Manage statistics.
- Manage real-time notifications.
- Manage job postings and candidate profiles for employers.
- Crawler data post.
- Optimizing database queries and improving system performance.
- Deploying the product on Ubuntu Linux servers

Technologies: PHP (Laravel), MySQL, VueJS(Nuxt 3) , Firebase,Linux,...

TEKTRA TECHNOLOGY AND TRADING JOINT STOCK COMPANY

2/2024 - 8/2024

LMS-CENTER.VN

A managing the center website with key features including user groupmanagement (students, teachers, administrators), scheduling and trackingclasses, assignment management, test management, course management,transaction management, real-time notifications, ...

Role: Backend Developer

Team size: 8

Responsibilities: Login, registration, and authorization

- Implement features for managing teachers, students, and administrators
- Create a system for attendance tracking for students and teachers
- Manage real-time notifications
- Manage assignments and tests for students
- Manage class schedules and teaching schedules for students and teachers

Technologies: Vuejs(Nuxt 3), Firebase, PHP(Laravel), MySQL,Linux, ...

TEKTRA TECHNOLOGY AND TRADING JOINT STOCK COMPANY

6/2023 - 2/2024

Vietnam Military History Museum - Interactive Digital Library

Role: Fullstack Developer

Description: A centralized digital library system deployed on large-format touchscreens, serving as an interactive electronic encyclopedia. The system provides visitors with a vivid, realistic, and high-speed historical lookup experience through an intuitive touch interface.

Team size: 8

Responsibilities:

- Managed data for each phase and timeline in chronological order.
- Oversaw historical information based on battles.
- Implemented login management for the CMS.
- Translated interface designs from Figma into functional code.
- Developed user interfaces for web applications.
- Built CMS interfaces for content management.
- Organized and maintained data based on historical dynasties.
- Configure to run locally with an internal network environment
- Developed Kiosk-mode application specifically for large touchscreens, optimizing UI/UX for public interaction.

Technologies: PHP(Laravel), MySQL, JQuery, JS, Bootstrap