TRUONG VAN TIEN

Full-Stack Software Engineer

No 8 Street, Hiep Binh Phuoc, Thu Duc City, Ho Chi Minh City

PROFESSIONAL SUMMARY

Full-stack software engineer with nearly 4 years of experience delivering production web products for projects serving Japan, Germany, and Sweden. Builds end-to-end features with React/Next.js, Vue.js, Node.js, Laravel, SQL, and AWS, with recent Microsoft Fabric and PySpark data-platform experience.

TECHNICAL SKILLS

Core	JavaScript, TypeScript, React, Next.js, Vue.js, Node.js, PHP/Laravel, SQL (MySQL, PostgreSQL)
Backend / Data	Python, PySpark, Microsoft Fabric, Delta Lake, MongoDB, T-SQL, Power BI
Additional	Java/Spring Boot, Tailwind CSS, jQuery, AWS, Stripe, OpenAI API
Tools / OS	Git, GitLab/GitHub, SmartGit, VS Code, PHPStorm, Terminal, Codex, Claude Code, OpenCode; Linux, macOS, Windows
Languages	English (reading, writing); Japanese ($\sim$ JLPT N4)

PROFESSIONAL EXPERIENCE

Software Engineer – *ZEN-S* **03/2024 – Present**

Daito Manufactory Manager System (Japan) *06/2026 – Present*

Stack: TypeScript, NestJS, MySQL, TypeORM, React, Vite, Docker, PowerShell, CSV/XLSX.

- Develop the full-stack manufacturing web application with React/TypeScript frontend and NestJS backend APIs for production scheduling, progress tracking, shop-floor results, and daily delay monitoring.
- Crawl, process, and migrate historical manufacturing data from TECHBK dating back to 2021 into the new Daito system, transforming legacy exports into normalized order and production-progress records.
- Automate EUC data exports and scheduled CSV/XLSX ingestion with file deduplication, batch database updates, and watermark checks to prevent stale data from overwriting newer records.

Alpha Bidding Intelligence System (Data Engineering assignment) *06/2025 – 05/2026*

Stack: Microsoft Fabric, PySpark, Python, Spark SQL, Delta Lake, T-SQL, NetSuite SuiteQL API, HCSS API, Power BI.

- Design and maintain medallion ETL/ELT pipelines across Landing, Raw, Silver, and Gold layers in Microsoft Fabric, consolidating NetSuite and HCSS for bidding intelligence and financial reporting.
- Build metadata-driven PySpark transformation workflows for incremental loading, data validation, quarantine handling, and lineage tracking, with watermark-based ingestion and monitoring for pipeline reliability and performance.
- Develop Delta Lake tables and Fabric Warehouse star-schema models using T-SQL stored procedures, and deliver curated datasets for Power BI semantic models, dashboards, and executive reporting.

JSaaS Website (Japan) – Web Developer *03/2024 – 12/2025*

Stack: jQuery, Vue.js, Laravel, MySQL, AWS, Robopay, OpenAI API.

- Build Japan-facing SaaS for workforce productivity, HR, and sales with AI-assisted automation (`https://www.jmatch.jp/jsaas/`), collaborating with design on customer and administrator interfaces.
- Integrate AI capabilities using the OpenAI API to support decision-making and automate routine tasks.
- Maintain website security and data privacy with best practices and regular updates, and optimize performance and loading times.

Web Developer – *EQL Global (Sweden)* **09/2024 – 05/2025**

EQL Global Website

Stack: Node.js, Next.js, React, MongoDB, AWS, OpenAI API.

- Built AI-integrated financial analysis platform (`https://eqlglobal.com/`) with responsive frontend, API integrations, and automated collection of financial reports and press releases from multiple sources.
- Integrated AI for financial data analysis, automated insights and report summaries, and data visualization components for analysis results.
- Optimized data processing and frontend rendering performance, and collaborated on AI features and data collection systems.

Front-end Developer (Remote) – *GrainLogic* **08/2023 – 02/2024**

Multinational wholesale e-commerce (Germany)

Stack: Next.js, React, Tailwind CSS, TypeScript, MySQL.

- Implemented responsive UI components and multilingual support for a wholesale e-commerce platform enabling vendor–buyer communication and transactions.
- Established connectivity with backend APIs to fetch and display dynamic data.
- Ensured cross-browser compatibility and optimized performance for user engagement.

Student Exchange Program – *Solekia (Fujitsu Group) / Freesia Group, Japan* **06/2023 – 08/2023**

Tokyo Metropolitan College of Industrial Technology Website (team of 11)

Stack: HTML, CSS, JavaScript, Tailwind, WordPress.

- Designed and developed website architecture and UI for a multilingual college site during a Japan exchange with technical training in Java, PostgreSQL, and Spring Boot at Solekia (Fujitsu Group) and language/culture immersion at Freesia Group.
- Implemented custom features for program management, posts, evaluations, and announcements, with multilingual support for English, Vietnamese, and Japanese.

React Native Developer Intern – *THEGOODGUYS TECHNOLOGY* **07/2022 – 10/2022**

Digi Farmer (team of 6)

Stack: Laravel, MySQL, React Native.

- Integrated QR code scanning into a React Native app for a QR-code-based system managing tree-lot status.
- Collaborated with backend developers on API connections for data retrieval and management, and ensured responsive behavior across devices.

EDUCATION

University of Information Technology – VNU Ho Chi Minh City *2026 – Present*
Bachelor of Artificial Intelligence

Thu Duc College of Technology *2020 – 2023*
Information Technology (Training in collaboration with Japanese businesses and colleges)

AWARDS AND HONORS

- Third Prize in the Vietnamese Computer Olympics 2021.
- Second Prize for Website Design – “Outstanding Students’ Skills Competition of Ho Chi Minh City” 2022.
- Two distinctions for outstanding scientific research at school level.
- “Star of January” Award 2022, presented by the Central Committee of Vietnam Students’ Association.
- Title of “Top 5 Outstanding Students of Ho Chi Minh City” 2022.
- Title of “Top 5 Outstanding Students of Ho Chi Minh City” 2023.
- Excellent Vocational Student Award 2023, presented by the Ministry of Labor, Invalids and Social Affairs.