



Lam Nguyen Thanh Hai

Frontend Engineer (ReactJS)

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⇒ [Linkedin](#), [Website](#)

Skills

ReactJS (Expert), NextJS

Server-Side Rendering (SSR)
& Static Site Generation (SSG)

TypeScript (Advanced),
JavaScript (ES6+), HTML5,
CSS3

State Management

Design System

Micro Frontend Architecture

Bundling & Build Tools

Unit Testing & CI/CD
Pipelines

Monitoring & Debugging

Backend: NodeJS, Golang

Languages

Vietnamese

English

Profile

Strategic Frontend Engineer with nearly 5 years of experience designing and delivering high-scale React, Next.js, and TypeScript applications. Expert in Server-Side Rendering (SSR) and micro-frontend architectures that enable independent deployments, improve scalability, and increase system stability. Performance- and security-focused—delivered 90+ mobile Lighthouse scores and 35% faster page loads while collaborating with international teams to ship secure, maintainable, product-driven solutions.

Employment History

Frontend Developer, Vietnam Silicon

May 2025 — Present

- **Built a high-performance AI Chatbot** using **React.js**, **Next.js**, and **TypeScript**, architecting a responsive, scalable UI to support high concurrent traffic.
- **Security & API:** Secured cross-service communication by integrating **RESTful APIs** and **Server-Sent Events (SSE)** with **JWT authentication**, following web security best practices to protect user data.
- **Code quality & testing:** Enforced Clean Code principles and implemented a testing strategy achieving **>70% unit test coverage**, reducing regression risk and improving maintainability.
- **Component library:** Designed a reusable, accessible UI component library to standardize interfaces and accelerate feature development.

Frontend Developer, M_Service (MoMo)

Jul 2022 — May 2025

Athena Platform (MoMo Web App)

- **Architectural leadership:** Co-architected and maintained the platform core using **Micro Frontends (Single SPA)**, enabling independent deployments and reducing cross-team release friction.
- **Scalability & performance:** Optimized platform performance and developer workflows to support high-scale traffic and faster feature delivery.
- **Design system:** Revamped the design system with **Ant Design** and **Pro Components**, standardizing UI patterns and improving UX and workflow efficiency by **20%**.

Nike Promotion (Mini App & Web App)

- **Operational transformation:** Built a cross-service Gift Card system to transition partner operations to a **100% self-service** workflow.
- **Partner dashboard:** Developed a web portal enabling **200+** partners to configure rewards independently within the first month, eliminating manual interventions.
- **Mobile extension:** Delivered a Mini App to improve accessibility, accelerating campaign setup by **70%**.

KYC Portal (Internal Web App)

- **Process automation:** Built a centralized user verification system to automate identity audits and lookups.
- **Workflow optimization:** Streamlined review processes for high-risk accounts, reducing verification time by **~85%** (from 7 days to 1 day).

Technologies & Tools: Frameworks & Libraries: React (Functional Components, Hooks, Toolkit), NextJS, Ant Design, Pro Components, Single SPATools, Git, Visual Studio Code

Software Engineer, Infevo .Corp

Feb 2021 – Jul 2022

Choptick (Cooking Assistant Platform)

- **Full-stack development:** Architected and built the application from the ground up using Next.js for the frontend and Golang with PostgreSQL for the backend.
- **Performance & UX:** Implemented a responsive React + Redux interface, achieving a 90+ mobile Lighthouse score and reducing page load time by 35%.
- **User workflows:** Streamlined the digital cooking experience to improve navigation and process clarity for end users.

Education

Advanced Diploma, APTECH Computer Education

Aug 2019 – Jan 2022

- Awarded "Outstanding Student" for academic excellence and leadership.
- Graduated with Distinction in Software Engineering (Advanced Diploma).
- Hands-on experience building web applications and collaborating on team projects using modern development tools and version control.