

TRAN PHUONG NAM

Web Engineer | Full-Stack Developer

Hanoi, Vietnam | (+84) 989 634 277 | tranphuongnam.tpn@gmail.com
linkedin.com/in/nam-tran-phuong-hust | namtrandev.site | github.com/NamTranWL

Professional Summary

Computer Science undergraduate and Web Engineer with production experience at OpenWay and Vitex Software JSC. Strong frontend foundation in React and Next.js, complemented by hands-on backend development with NestJS, Node.js, GraphQL, PostgreSQL, MongoDB, and Redis. Built and deployed secure banking integrations, real-time multiplayer systems, and scalable web products. Seeking a Full-Stack Developer role where I can own features end to end, deepen system-design skills, and deliver reliable, user-focused software.

Technical Skills

Languages	TypeScript, JavaScript, HTML5, CSS3
Frontend	Next.js, React, React Native, Redux Toolkit, TanStack Query/Table, Tailwind CSS, Radix UI, Canvas 2D, responsive design, SSR, SSG, i18next
Backend	NestJS, Node.js, GraphQL, RESTful APIs, SOAP/XML, gRPC, microservices, Socket.IO, JWT, RBAC
Databases	PostgreSQL, MongoDB, Redis, Prisma ORM, MongoDB Atlas
Tools/Libraries	Git, GitHub, Docker, Figma, Storybook, Valtio, NextAuth
Cloud/DevOps	AWS Lightsail, Vercel, Railway, Cloudflare Tunnel, Tailscale, CI/CD, DNS, automatic TLS

Work Experience

OpenWay <i>Full-Stack Developer Intern</i>	Jul 2026 – Present <i>Hanoi, Vietnam</i>
- Contribute to a client portal integrated with the WAY4 core-banking platform, translating business operations into secure web workflows. - Develop features across a Next.js frontend and a NestJS/GraphQL backend, working with PostgreSQL, Prisma, Redis, authentication, and role-based access. - Support production-style deployment across AWS Lightsail and on-premises infrastructure using Docker, Caddy, Cloudflare Tunnel, and Tailscale.	
Vitex Software JSC <i>Frontend React Intern / Trainee</i>	Sep 2025 – Mar 2026 <i>Hanoi, Vietnam</i>
- Delivered responsive React and Next.js features for PlanZ AI, Sportech, and SportEnt in a Scrum-based product environment. - Converted Figma designs into reusable components and implemented routing, internationalization, dashboards, schedules, event lists, and user profiles. - Fixed Kanban, task-classification, and URL-access-control issues, improving usability and consistency across desktop and mobile views. - Collaborated with developers and designers to complete assigned features within sprint deadlines and maintain shared component standards.	

Selected Projects

WAY4 Client Portal – Core-Banking Integration <i>Full-Stack Developer & DevOps Intern Live Demo</i>	Jul 2026 – Present
- To make a SOAP/XML banking system accessible to a modern web client, designed a typed GraphQL gateway for client-creation and lookup operations; the frontend consumes a consistent schema without handling XML directly. - Built the service with NestJS, Apollo, Prisma, PostgreSQL, and Redis; implemented short-lived JWTs, rotating HTTP-only refresh tokens, logout blacklisting, rate limiting, and role-based access control. - Dockerized the application and connected AWS-hosted and on-premises components through Caddy, Cloudflare Tunnel, and Tailscale, enabling encrypted access to the internal sandbox without exposing inbound ports.	

4player – Real-Time 2v2 Football Game

Aug 2026

Independent Full-Stack Developer & DevOps / [Live Demo](#)

- Addressed latency and cheating risks by building a server-authoritative Socket.IO architecture with a deterministic 30 Hz simulation; clients send input only rather than controlling authoritative positions.
- Implemented client-side prediction, reconciliation, and entity interpolation, producing immediate local response while maintaining agreement with server state under network delay.
- Created a custom collision engine with impulse resolution and sub-stepping, plus fixed-timestep Canvas 2D rendering for smooth output on 60–144 Hz displays.
- Deployed the Vercel frontend with two selectable servers on AWS Lightsail and on-premises infrastructure, including live latency display.

PlanZ AI – Product Management Platform

Jan 2026 – Mar 2026

Frontend Developer at Vitex Software JSC

- Extended an existing production application by delivering Excel/print export, real-time dashboard updates, and schedule and event management features.
- Implemented responsive interfaces for schedules, notifications, events, settings, and profiles with Next.js 15, React 19, TypeScript, TanStack Query, Tailwind CSS, Radix UI, i18next, NextAuth, and Storybook.
- Resolved critical Kanban, task-categorization, and authorization defects, improving workflow reliability and preventing unauthorized URL access.

SportEnt – Sports Management Platform

Feb 2026

Independent Full-Stack Developer & DevOps / [Live Demo](#)

- Designed and developed an end-to-end sports management product with Next.js, NestJS, and MongoDB, covering both user-facing workflows and APIs.
- Modeled related sports data, built client/server communication, and optimized responsive application performance.
- Established CI/CD and deployed the frontend on Vercel, backend on Railway, and database on MongoDB Atlas, taking the product from concept to a live system.

TutorMatch – Online Tutor Matching Platform

Aug 2025 – Sep 2025

Full-Stack Developer & DevOps / [Source Code](#)

- Built tutor discovery, scheduling, and booking workflows with Next.js, NestJS, TypeScript, Tailwind CSS, MongoDB, and RESTful APIs.
- Applied modular backend architecture and reusable frontend components to keep the codebase maintainable as features and data relationships expanded.

Education

Hanoi University of Science and Technology

2023 – Present

Computer Science

Hanoi, Vietnam

- Focus: data structures and algorithms, object-oriented programming, databases, computer networks, software engineering, and web development.

Languages

Vietnamese (Native) | English: IELTS 6.0, TOEIC 700