

# Thien Hung Pham

Remote Full-Stack Developer Intern

Ho Chi Minh — +84 865 974 700 — [phamthen.hun060907@gmail.com](mailto:phamthen.hun060907@gmail.com)

Portfolio — [GitHub](#) — [LinkedIn](#)

English C1 Level , Vietnamese Native

## Professional Summary

---

Driven **Full-Stack Developer** with expertise in **backend system design** and **high-performance architecture**. Skilled in **building scalable, maintainable applications, optimizing infrastructure**, and **tackling complex technical challenges**. **Seeking a remote internship** at an international software company to refine my skills and contribute to meaningful projects.

## Full-Stack Projects (Available on GitHub)

---

### Event Advertisement and Management Platform

A dynamic event-sharing platform with a social app-like experience, featuring event advertising and Stripe-powered placement.

- Technical Summary: **Optimized data fetching** and **full-text search recommendation** system using React Query and Next.js `unstable_cache`, and using **cursor-based pagination**. Deployed in `ap-southeast-1 (sin-1)` for **low-latency API responses across Asia**.

- Tech Stack: Next.js, TypeScript, Prisma ORM, Supabase, Clerk, Shadcn UI, Stripe, React Query, Leaflet, Quill

- Development & DevOps: Vercel, Jest, RTL, GitHub Actions

### Slackzz Clone

A Slack-like real-time communication platform supporting channels, DMs, video calls, and user-pro Subscription.

- Technical Summary: **Optimized for instant messaging** and **real-time interactions** via Convex DB, WebSocket. Powered up a complex data model and Convex backend for a seamless user experience.

- Tech Stack: NextJS, Convex, WebSocket, Redis, Livekit, Redis, OAuth 2.0, Prisma ORM, Shadcn UI

- Development & DevOps: Vercel, RTL, Jest, GitHub Actions

### Apple Website Clone

A high-performance e-commerce platform with secure payments, real-time cart management, and a geolocation-based address picker for precise order placement.

- Technical Summary: Implemented **OWASP-recommended security practices**, Optimized backend performance, reducing response times by 40% through **caching** and **query optimization**, and **scalable backend architecture**. Capable of handling **production-scale loads with Kubernetes and AWS EKS**.

- Tech Stack: MongoDB, React19, Vite, ExpressJS, NodeJS, Zustand, Stripe, TailwindCSS, React-Query, Socket.io, Redis (with redis Pub/Sub)

- Development & DevOps: GitHub Actions, Playwright, Kubernetes, Terraform, Docker

## On-Research: Hardcore Projects and Their Prospects

---

Researching and developing a **NoSQL database** in Rust as a foundation for a **vector search engine**, ultimately evolving into a **vector database**. This hands-on approach strengthens my expertise in **AI infrastructure** and paves the way for my final goal: a **custom deep learning framework**, while continuously refining my knowledge through **scientific and technical research**.

## Soft Skills

---

Self-driven with strong technical problem-solving abilities, effective communication and collaboration, high adaptability, and a fast learner in dynamic environments.

## Education

---

Ly Tu Trong College, Ho Chi Minh

Associate Degree in IT (2022–2026) – Internship Required

Aiming to transfer to HCMUTE for a Bachelor's in Software Engineering.