

TRIEN VO

Software Engineer

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[GitHub](#) | [LinkedIn](#)

SUMMARY

Product-oriented Software Engineer with 5+ years of experience. Adept at driving the entire product lifecycle from architectural design to deployment. Experienced in shipping production systems across Next.js, NestJS, Django, Flutter, and React Native, with focus on LLM integration, prompt engineering, model selection, and AI-driven product workflows.

SKILLS

Programming Languages: TypeScript, JavaScript, Python, Dart.

Frontend & Mobile: Next.js, React, React Native, Flutter, Expo.

Backend & Infrastructure: NestJS, Django, PostgreSQL, MongoDB, Redis, RabbitMQ, Socket.IO.

AI & ML: LLM Integration (Google Gemini, GROQ), Prompt Engineering, Context Engineering, Dify.

Cloud & Systems: Scalable Backend Architecture, LiveKit Server, Appwrite.

Tools & Platforms: Stripe, PayPal, Posthog, Cursor, Codex, Antigravity.

PROFESSIONAL EXPERIENCE

Immersio Learning Inc — Software Engineer

Jan 2024 – Present

Remote, Canada

- Engineered and scaled a comprehensive EdTech platform by developing a robust backend with NestJS/Django and a responsive frontend with Next.js.
- Architected a secure multi-tenant payment infrastructure by integrating Stripe and PayPal, successfully streamlining subscription flows and processing transactions with high reliability.
- Implemented AI-powered educational features using LLMs, reducing content preparation time by 80% while enabling personalized learning paths.

Technologies:

- Backend: NestJS, Redis, RabbitMQ, SocketIO, LiveKit Server.
- Database: PostgreSQL, MongoDB.
- Payments: Stripe, Paypal.
- Frontend: NextJs.
- Logging: Posthog.
- AI services: Django, LLMs integration.

Pandora Network — Flutter Developer

Jun 2023 – Jan 2024

Hybrid, Vietnam

- Engineered core Web3 capabilities within a Flutter ecosystem.
- Delivered high-performance mobile components by translating complex product requirements into scalable solutions.
- Maintained robust code quality and managed feature rollouts, translating abstract business requirements into functional, high-performing mobile components.

Netpower — Team Leader

Jun 2022 – Jun 2023

Vietnam

- Directed a cross-functional engineering team of 3 members in developing robust React Native and Flutter applications, defining clear sprint objectives, assigning responsibilities, and ensuring the on-time delivery of project milestones.
- Mentored junior developers in React Native and Flutter best practices, resolved technical bottlenecks, and fostered a collaborative environment.

Netpower — Software Engineer

Apr 2020 – Jun 2022

- Served as the primary technical liaison for international clients across France and India. Architected high-performance cross- platform applications from the ground up utilizing React Native and Flutter.

PROJECTS

Recappy — Creator & Solo Developer

- Built an AI-powered EdTech mobile application that generates interactive quizzes and learning materials using LLMs.
- Developed the frontend with React Native, Expo SDK 52+ , TypeScript, Zustand and NativeWind. Integrated Gemini API and GROQ for multimodal.
- AI processing and designed backend using Appwrite with MMKV/SQLite for high-performance local storage.

PortTraceX — Creator & Solo Developer

- Built a lightweight macOS developer tool (Rust + Tauri) that instantly identifies and manages processes locking system ports. and see the SSH logging server.

EDUCATION

University of Information Technology

Bachelor of Computer Software Engineering

CERTIFICATIONS

AI Agents Fundamentals — Hugging Face (2025)

ACHIEVEMENTS

Best Performance Award — Netpower (2022)

ENGLISH

IELTS 6.5 (2024)