

Kevin Vu

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Summary

Impact-driven Software Engineer & Founder specializing in TypeScript, React, and scalable backend technologies. Proven ability to build and deploy full-stack applications from concept to production. Founded Arclify, an AI-integrated Discord application that automates server management workflows, cutting task execution time from hours to seconds. Seeking a full-time engineering role to build innovative products and solve complex technical challenges.

Skills & Technologies

Languages: TypeScript, JavaScript, Python, SQL

Frontend Development: React (Next.js, Vite), Framer Motion, shadcn/ui

Backend Development: Node.js, Express.js, REST APIs, OAuth/JWT

Databases: PostgreSQL, Supabase, Cloud Firestore

DevOps & Deployment: Vercel, GitHub Actions, GCP, Docker

AI/LLM Integration: Google Gemini, OpenAI

Testing & Tools: Postman, Figma

Experience

Software Engineer & Founder, Arclify – Houston, TX Jan 2025 – Present

- **Founded** and developed Arclify, a full-stack Discord application leveraging **TypeScript, Next.js, and Discord.js**, integrating **Google Gemini** to automate workflows and drastically cut task execution time from **hours to seconds**.
- **Architected** and deployed a secure, scalable **PostgreSQL database** via **Supabase**, implementing **Row-Level Security (RLS)** to enforce per-user access control and reduce perceived latency by **30%**.
- **Implemented** session-persistent **caching** with **localStorage** to prevent redundant **Discord API** calls, reducing response times and mitigating **rate-limiting** across active user sessions.
- **Led** the entire product development lifecycle, personally architecting, coding, and shipping the platform **independently** across frontend UX, backend infrastructure, and deployment
- **Managed** early-stage product launch and user acquisition efforts, including setting up early access waitlist forms, conducting **live user testing** for UX feedback, and establishing privacy policies and terms of service.

Software Engineer, HawkHacks – Waterloo, ON Aug 2023 – June 2024

- **Developed** a full-stack dashboard application for attendees and mentors, along with a landing page, using **ReactJS, Node.js, and Firebase**, contributing to a **56% increase** in hackathon application submissions from 2022 to 2024.
- **Collaborated** with engineering team to develop a secure **RSVP system** with **QR code check-in** and **digital wallet** support, enabling **900 unique RSVPs** and over **2,500 event scans**
- **Redesigned** and optimized **React TypeScript** components with **Tailwind CSS** through close collaboration with the design team via **Figma**, improving interface usability and aesthetics.

UI/UX Developer, Spiritual Care Network – Houston, TX Jan 2024 – May 2024

- **Optimized** and designed website UI/UX through landing page, information pages, and forms using **Wix CMS** to accommodate for accessibility, readability, and consistency inline with the organization's visual appeal.
- **Bridged** technical and strategic goals by presenting UI/UX improvements to upper management, ensuring alignment with business objectives.
- **Connected** clients' customer information, totaling over **10,000 customers**, to the **Constant Contact CRM** system for easy access and future reference.

Education

University of Houston, Houston, TX Aug 2020 – May 2024

- *Bachelor of Management Information Systems (MIS), Software Development Track: 3.54/4.0 GPA*