# Kevin Vu

kevinvu.dev | github.com/amgvu | kevinvu.amg@gmail.com | linkedin.com/in/kevinvu-dev

## Summary

Full-stack Software Engineer specializing in TypeScript, React, and backend technologies with experience in building scalable apps, performance optimization, and AI integration. Developed Arclify, a Discord automation platform, and enhanced HawkHacks' operations through optimized components and database solutions. Currently focused on building Arclify and pursuing full-time software engineering opportunities.

## Skills & Technologies

**Languages:** TypeScript, JavaScript, Python, C#, Java, SQL

**Frontend Development:** React (Next.js, Vite), Tailwind CSS, Redux, shadcn/ui, Framer Motion, Three.js

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

**Databases:** PostgreSQL, Supabase, Cloud Firestore, Planetscale

**DevOps & Deployment:** Docker, GitHub Actions, Vercel, Google Cloud Platform

**AI/LLM Integration:** Google Gemini, OpenAI

**Testing & Tools:** Jest, Postman, Figma

## Experience

***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**.
- Built **TypeScript** service functions to streamline querying **1,289 attendee applications** in Firestore, enhancing data organization and flexibility.
- Collaborated with engineering team in the development of a secure RSVP system with QR code integration and digital wallet support, leading to high attendee check-in rate with **900 unique RSVPs and 2500 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 (Part-Time)***, 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.

## Projects & Leadership

***Arclify*** – *Software Developer & Founder*                                         Jan 2025 – Present

- Built and deployed a Discord-based app using **TypeScript**, **Next.js**, and **Discord.js**, integrating **Google Gemini**, automating manual workflows with API-driven user data management to cut task execution time from **hours to seconds**.
- Implemented efficient caching strategies to **prevent rate-limiting** when fetching data for server casting, leading to improved system reliability by **reducing delays and request throttling**.
- Designed a secure, scalable **PostgreSQL** database using **Supabase** with Row-Level Security (RLS), **reducing server-side latency by 30%**.
- Led a team of 4 developers to build frontend **React** components and backend features, utilizing **Kanban**.

## Education

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

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