

Kevin Vu

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Education

University of Houston, Houston, TX

Aug 2020 – May 2024

- Bachelor of Management Information Systems

Skills & Technologies

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

Frontend Development: React, NextJS, Vite, Tailwind

Backend Development: Node, Express.JS, Prisma

Databases: PostgreSQL, MySQL, Cloud Firestore

Cloud: Firebase, Oracle Cloud, Supabase, Planetscale

Tools: Git, Docker, Postman, REST, Jest, .NET, Notion, Figma

Experience

Software Engineer, HawkHacks – Waterloo, ON

Aug 2023 – June 2024

- Developed a full-stack dashboard application with a respective landing page using **ReactJS**, **Node.js**, and **Firebase**, contributing to a **56% increase in application submissions from 2022 to 2024**.
- Developed a service function using **Typescript** to efficiently query **1289 applications** into **Firestore**, significantly improving 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** throughout the event weekend.
- Led UI/UX improvements of multiple front-end **React Typescript** components with **Tailwind CSS** through close collaboration with the design team via **Figma**, resulting in a visually appealing and user-friendly interface.

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.
- Regularly presented and directed design changes to upper management to unify the higher level strategic goals of the organization with the low level technical goals of the design team.
- Connected clients' customer information, totaling over **10,000 customers**, to the **Constant Contact CRM** system for easy access and future reference.

Founder & Developer, Substance Collective – Houston, TX

Dec 2018 – Aug 2019

- Founded a designer fashion brand with an online storefront, built using **Shopify CMS** for UI development and web store management.
- Orchestrated inventory and fulfillment system through a dedicated warehouse in China, overseeing a portfolio of over **50 unique products**. Achieved efficient shipping to US and Canada with **7-day turnover**.
- Established collaborative partnerships with **4 international clothing suppliers**, negotiating payment terms and prioritizing promotional strategies.

Projects

Project Arcs

- Full-stack, AI-driven Discord application to create and manage user data with persistence and automation. Built with **Discord.js**, **Typescript**, **NextJS**, **PostgreSQL** via **Supabase**, and **Google Gemini Flash 1.5**

ShopSentry

- Developed a web scraper bot with **Python** for real-time product availability notifications by email, reducing manual check time by users.