

# Kevin Vu

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## Education

University of Houston, Houston, TX

Aug 2020 – May 2024

- Bachelor of Management Information Systems

## Skills & Technologies

**Languages:** JavaScript, TypeScript, HTML, CSS, Java, SQL, C#, Python, R, TeX

**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, Figma, Postman, Lottie, Notion, Canva, LaTeX, .NET, REST

## 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

**ShopSentry**

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

**ArcPanel**

- Full-stack Discord bot and dashboard to efficiently manage server nicknames, generate themes, and more. Built with **Discord.js**, **Typescript**, **NextJS**, and **PostgreSQL**.