

Lehuy Hoang

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PROJECTS

StudyKit - Study Tools for Students

Aug. 2023 – Present

Stack: TypeScript (Vue 3+Nuxt+Node.js); HTML; CSS (Tailwind); SQL (Postgres); Python (FastAPI)

- Designed and implemented a progressive web app with Vue and Postgres that helps 56,000+ students study with LLM-powered features.
- Decreased onboarding churn by 50% by integrating PostHog analytics to identify user-interface improvements.
- Grew revenue by integrating a data-driven approach to product iteration based on customer feedback, driving 20% month-over-month revenue growth.
- Decreased AI expenses by 15% by refactoring high-volume features onto more efficient models.

VoidOne - Web Hosting Platform

Oct. 2024

Stack: Golang; TypeScript/JavaScript (React+Next.js+Node.js); HTML; CSS (Tailwind); AWS (S3)

- Designed a web hosting platform for developers to deploy production-ready websites in under 30 seconds easily.
- Built an API in Go that integrates cloud storage, CDN, and SSL, to automate website deployments and save developers 1+ hour(s) on server configurations.
- Implemented a CLI in Node.js for instant previews and one-command deployments (npx voidone deploy), reducing deployment time from 15+ minutes to under 1 minute.

GoatUI - Declarative UI Framework for C++

Feb. 2024

Stack: C++; WebAssembly; Emscripten

- Improved developer experience by reducing required lines of code for UI logic by 40% by building a declarative API that simplifies UI manipulation through event handling and a reactive state management system.
- Built a reusable library of 10+ pre-styled components by shipping a standard UI kit that includes buttons, inputs, and more common elements.

Postgres/Supabase Database Client

Dec. 2023

Stack: Java; Rest API; PostgreSQL

- Reduced database integration code by approximately 50% in projects by building a Java library/SDK for simplifying database interactions with PostgreSQL, with extra support for authentication and edge functions.

EDUCATION

Las Positas College

Expected May 2027

Bachelor of Science, Computer Science

Livermore, CA

- **GPA: 4.0;** Honors Scholar
- Relevant Coursework: Computing Fundamentals, Java Programming, Algorithms and Data Structures, Assembly Language and Computer Organization.
- Community college student pursuing a Bachelor's of Science degree in Computer Science via transfer.

WORK EXPERIENCE

Hackingtons Code School

May 2022 – Present

Computer Science Instructor

Dublin, CA

- Taught computer science fundamentals, HTML, CSS, JavaScript, Python, Unity to students aged 8-15.
- Maintained 5-star rating by personalizing lesson plans based on individual student interests and learning styles.

SKILLS

- **Languages:** Typescript/Javascript; HTML/CSS; Python; Golang; Java; SQL; C++; x86 Assembly
- **Frameworks:** React; Next.js; Vue; Nuxt; FastAPI; Flask; Express.js
- **Tools:** Git; Github; Vitest; Jest; PostgreSQL; SQLite