

Brian Lam

Software Engineer with 2+ years of experience crafting robust and accessible web applications. Specialized in React and modern JavaScript frameworks, with a strong focus on enhancing user experiences. Career-switched from an accounting role at a top 50 firm, bringing unique financial insight to tech projects.

Experience

Jr. Frontend Developer — First Communion Credit Union

Oct 2023 – Present | Coquille, OR

- Migrated the company's website from Vue2 to Vue3, following code quality standards to ensure the reliability and maintainability of the web codebase.
- Optimized development speed and efficiency by reducing development server spin-up time from 15s to 1s by migrating from Webpack to Vite.
- Established unit and component testing, minimizing bugs and reducing average issue resolution time by 40%.
- Modernized the company's live chat support system, reducing load times by 60% using JavaScript ES6 features and modern web UI design principles.
- Developed a new user-friendly document portal to streamline exchanges for over 88,000 customers, focusing on optimizing user experience and performance.

Fullstack Developer Contract — Catalyze SV

Apr 2023 – Oct 2023 | Remote

- Collaborated with Product Managers, Designers, and other Engineers to transform intricate mockups into intuitive web interfaces, ensuring compliance with accessibility standards and technical requirements.
- Reduced codebase by 70% by consolidating 30 pages into 1 page, enhancing maintainability and facilitating future updates.
- Implemented REST APIs and automation scripts to automate data entry into client's databases, resulting in a 50% increase in team efficiency and error reduction by eliminating the need for manual data entry.

Projects

RideFair — Decentralized Data Privacy Ride-Sharing App

Dec 2023 – May 2024 | <https://github.com/lam-brian/RideFair>

- Deployed a decentralized ride-sharing app using Web5 technologies to encrypt and store user data, ensuring secure travel and user control over driver selection.
- Engineered the app with Next.js, TypeScript, and Tailwind.css, integrating Mapbox APIs for interactive mapping and seamless navigation.

Simplify — AI-Powered Text Summarizer & Flashcard Generator App

Oct 2022 – Dec 2022 | <https://github.com/lam-brian/Simplify>

- Launched a full-stack productivity app that automates studying by generating flashcards and summarizing text, enhancing comprehension and retention.
- Built the frontend with React.js and the backend with Node.js, Express.js, and MySQL, implementing NLP and web scraping for automated text summarization.

brianlam.dev

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Skills

Languages

JavaScript · TypeScript ·

HTML5 · CSS3 · Python

Frameworks/Libraries

Vue.js · React.js · Next.js ·

Redux · TailwindCSS · Jest

Toolkit

Vite · Webpack · Git ·

REST APIs · Figma

Interests

Badminton · Fitness ·

Bicycle Motocross (BMX) ·

Diabolo (Chinese Yo-Yo)

Awards

Web5 Hackathon — TBD

2nd place, 2024

API World Hackathon — API World

1st place, 2022

Education

B.A. in Business Economics

University of California, Irvine

Relevant Courses

Data Structures & Algorithms ·

Object-Oriented Programming