

# 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 to pursue a passion for technology and drive innovative solutions.

## Experience

### Front End Developer — First Community Credit Union

Oct 2023 – Present | Coquille, OR

- Accelerated customer document management by reducing the average time to send and request documents from 3 minutes to 30 seconds by designing and developing an intuitive document portal for staff.
- Modernized the company's live chat support system, reducing wait times by 60% by awaiting JavaScript promises concurrently.
- Migrated the company's website from Vue2 to Vue3, following best practices and gaining a comprehensive understanding of the code base and framework.
- Optimized development speed and efficiency by reducing development server spin-up time from 15s to 1s by migrating from Webpack to Vite.
- Minimized bugs and reduced average time spent debugging by establishing unit and component tests with Jest and Vue Test Utils.

### Full Stack Developer Contract — Catalyz SV

Apr 2023 – Oct 2023 | Remote

- Collaborated with Product Managers, Designers, and Engineers to develop web interfaces that met accessibility standards, improving user experience.
- Enhanced maintainability of the codebase by consolidating 30 static Wix pages into a single page that retrieves data from the database, facilitating future updates.
- Integrated Google app scripts to enable live updates to the Wix database when saving data into a Google spreadsheet, increasing team efficiency by 50%.

## Projects

### RideFair — Decentralized Data Privacy Ride-Sharing App

Dec 2023 – May 2024 | [github.com/lam-brian/RideFair](https://github.com/lam-brian/RideFair)

- Engineered a TypeScript/Next.js web application, integrating Mapbox for interactive mapping.
- Leveraged Web5 encryption to encrypt and store user data, ensuring secure travel and user control over data privacy.

### Simplify — AI-Powered Text Summarizer and Flashcard Generator App

Oct 2022 – Dec 2022 | [github.com/lam-brian/Simplify](https://github.com/lam-brian/Simplify)

- Developed a React.js/Node.js Fullstack application, implementing NLP and web scraping for automated text summarization.
- Automated the studying process by generating flashcards and summarizing text to enhance comprehension and retention.

brianlam.dev

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## Skills

### Languages

JavaScript · TypeScript

HTML5 · CSS3 · Python

### Frameworks/Libraries

Vue.js · React.js · Next.js

Node.js · Redux · Jest

### Toolkit

SQL · noSQL · Git · REST APIs

### 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