Brian Lam

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TECHNICAL SKILLS

Languages: JavaScript | TypeScript | HTML5 | CSS3 | Python
Frameworks/Libraries: Vue.js | React.js | Next.js | Redux | Node.js | MongoDB | SQL | Rest APIs | GraphQL | Git | Jest | Figma
Achievements: Web5 Hackathon (2nd place out of 1680+ participants) | API World Hackathon (1st place out of 390+ participants)

EXPERIENCE

First Community Credit Union   **Coquille, OR**
Front End Developer   *Oct 2023 – Present*

- Spearheaded and executed the **migration initiative from Vue2 to Vue3** for the company site, **encompassing over 200 components**. This transition has ensured the long-term stability of the codebase, as Vue2 is no longer being maintained.
- Examined and updated components by removing features and APIs that are no longer being supported and upgrading necessary dependencies to **prevent breaking changes** during migration.
- Enhanced team productivity by transitioning from the Vue CLI to Vite, effectively **reducing local server spin-up time from 15s to 1s**, thereby minimizing idle periods and optimizing the development workflow.
- Collaborated with back-end developers to design and develop a user-friendly admin dashboard, enabling bank tellers to efficiently send and request financial documents from customers. This new feature led to a **significant 80% decrease in document processing time**, as it created a more streamlined process for both employees and customers.

Catalyze SV   **San Jose, CA**
Full Stack Developer   *Apr 2023 – Oct 2023*

- Maintained ongoing communication with the client to iterate on features and pages for their Wix site using the Velo full-stack development platform, **ensuring solutions aligned with their evolving requirements**.
- Leveraged Google App Scripts and Velo APIs to connect the client's Google Sheets and automate entries into their Wix database. This **reduced the client's overall work by 50%** by enabling effortless content management via spreadsheets for the non-technical client who found conventional CMS systems challenging.
- Resolved cross-origin resource sharing (CORS) challenges hindering database access from a specific page by implementing iframes and window messages, **delivering swift and effective solutions** to the client.

PROJECTS

RideFair – Web5 ride-sharing app | [GitHub](#)

- Developed a decentralized ride-sharing app that aims to provide users with secure and safe traveling options by **safeguarding their personal data** and giving them the power to choose their own drivers.
- Utilized Web5 technologies, such as decentralized identifiers (DIDs) and decentralized web nodes (DWNs) to encrypt and safely store user data on their own personal devices, **ensuring personal data won't be collected and sold** to 3rd parties.
- Engineered the app using **Next.js** and **Tailwind.css** frameworks and integrating an interactive mapping feature powered by the **Mapbox APIs** for seamless navigation and location tracking.

Simplify – NLP and web-scraping ed-tech app | [GitHub](#)

- Developed a full-stack productivity app that **automates the studying process for students** by generating flashcards and summarizing text, making it easier to comprehend extensive information and retain key concepts.
- Implemented an automated summarization feature by leveraging **NLP, Web Scraping, and Keyword Extraction APIs** to employ word frequency to score sentences and select the most suitable ones based on their average score.
- Constructed the frontend using **React.js** and utilized **Node.js, Express.js, and MySQL** for the backend, adhering to the MVC design pattern.

EDUCATION

University of California, Irvine
B.A. in Business Economics | Honors: Dean's List
Relative Coursework: Data Structures and Algorithms, Problem Solving and Object-Oriented Programming