Brian Lam

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TECHNICAL SKILLS

Languages: JavaScript | TypeScript | HTML5 | CSS3
Frameworks/Libraries: Vue.js | React.js | Redux | JQuery | Node.js | MongoDB | MySQL | Rest APIs | GraphQL | Git | Jest
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**
Jr. Front-End Developer   *Oct 2023 – Present*

- Spearhead and execute the **migration initiative from Vue2 to Vue3** for the company site, **comprising 200+ components**, while preparing documentation enabling team members to efficiently upgrade other projects.
- Optimize development workflow by migrating from the Vue CLI to Vite, **reducing server spin-up time from 15s to 1s.**
- Collaborate with back-end developers to **design and develop a user-friendly admin dashboard**, enabling tellers to efficiently send and request financial documents from customers, positively impacting over **88k+ customers**.
- **Develop a role-specific performance tracker** using Vue.js and D3.js, **empowering 1000+ employees** to analyze annual metrics and statistics through interactive graphs, facilitating targeted improvements.

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

- Implemented a Google App Scripts-powered automated data synchronization system to **streamline workflow pipeline by up to 80%,** enabling effortless content management through spreadsheets and real-time dynamic rendering on the website for enhanced content and state management.
- Achieved up to **100% reduction of data entry for the team**, by utilizing the Wix Google Sheet Integration API to automate our client's inputs into the team's data collection, resulting in significant time saving and improved accuracy of data input.

VitalConnect   **San Jose, CA**
Mobile Technician   *Nov 2022 – Oct 2023*

- Developed a new internal tool that automates proper data formatting for over **1600+ phones per day**, by leveraging JavaScript, HTML, and CSS to properly manipulate data strings, resulting in a significant reduction of input errors by 50%.
- Orchestrated training workshops for team members to **optimize workflow up to 25%**, leveraging insights gained from reviewing management software documentation and strategically revitalizing the outdated mobile workflow, leading to enhanced productivity.

PROJECTS

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

- Developed a **decentralized ride-sharing progressive web app to safeguard users' personal data** utilizing **Web5 technologies**, such as decentralized identifiers (DIDs) and decentralized web nodes (DWNs).
- Engineered the frontend with **React.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 app that automates the studying process for students** by generating flashcards and summarizing text using **React.js, Node.js, Express.js, and MySQL** while adhering to the MVC design pattern.
- Implemented an automated summarization feature by leveraging **NLP, Web Scraping, and Keyword Extraction APIs** offered by API Layer to employ word frequency to score sentences and select the most suitable ones based on their average score.

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