Jason Yu

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WORK EXPERIENCE

EAB   Washington, DC/Remote
Front End Engineer - Product Team   March 2023 – Present
- Led the development of a new product as a key member of the frontend engineering team, combining expertise in React, Material UI, and Tailwind CSS to craft efficient and visually appealing user interfaces.
- Actively participated in planning sessions and collaborated closely with backend engineers and product managers to drive the project's success.
- Demonstrated agility by implementing features rapidly, meeting tight deadlines, and regularly communicating progress to the team, showcasing the ability to thrive under pressure and deliver results.
- Leveraged Material UI library for consistent UI elements while also creating custom components to fulfill specific project requirements, showcasing adaptability and problem-solving skills.
- Developed custom views and components to seamlessly consume backend APIs and dynamically generate forms, resulting in a 70% increase in efficiency.
- Collaborated closely with UI/UX designers to ensure alignment with design specifications, translating concepts into functional and visually appealing user interfaces.

Front End Engineer - Platform Team   July 2022 –March 2023
- Spearheaded the development and maintenance of internal UI components, ensuring seamless integration across multiple front-end frameworks and libraries.
- Provided strategic guidance to cross-functional teams, including backend and frontend engineers, to optimize page structure and feature implementation, promoting alignment and coherence in the development process.
- Led a team of engineers in the upgrade of a custom visualization library, overseeing the successful implementation and integration of new functionalities.
- Offered expert technical support and solutions to development teams, addressing complex challenges and promoting best practices for efficient development.
- Mentored engineers in the effective use of internal tools, including the component library and custom JSON parser language, increasing productivity and adoption by 66%.

Associate Front End Engineer - Platform Team   Jan. 2021 – July 2022
- Contributed to the creation, enhancement, and maintenance of internal UI components, providing crucial support across multiple front-end frameworks and libraries.
- Refactored and introduced new features to an Angular mobile application, enhancing its functionality and user experience.
- Collaborated closely with cross-functional teams to implement new features, conducting demos for stakeholders and ensuring alignment with project goals.
- Transitioned JavaScript codebases to TypeScript while consolidating UI components into a monorepo managed with Rush, enhancing code quality and maintainability.
- Implemented comprehensive unit tests for web components using open-wc and conducted E2E testing with Cypress, ensuring the reliability and stability of the applications.
- Developed and integrated an accessibility tool across multiple products to address various accessibility challenges, promoting inclusivity and compliance with accessibility standards.

SH1FT   Montreal, QC/Remote
Front-End Engineer (Lead)   Nov. 2020 – Jan. 2021
- Worked closely with the Co-Founders in developing a client to therapist matching service from the ground up.
- Led a Web Developer Intern throughout the development process.
- Proposed optimized solutions to key features such as client to therapist payment flow by utilizing Stripe Connect API.

EDUCATION

University of California, Santa Cruz – Baskin School of Engineering   Santa Cruz, CA
Bachelor of Science, Technology Information Management   June 2020
- **Relevant Coursework:** Data Structures, Accelerated Programming, Computer Networks, Management of Technology I and II, Human-Centered Design Research, Database Management Systems, Intermediate Programming

SKILLS

Javascript, HTML, CSS, Typescript, React, MaterialUI, Redux, Express, Angular, LitElement, Polymer, Cypress, Enzyme, Jest, Gulp, Jira, JAWS, Python, Ollama, LangChain, LLM, Git, Gitlab, Github, Chartjs,Gridstack, Rush, Axios, Firebase, Node, Figma, NPM, WordPress, Elementor Pro