

# Kyle Trinh

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## EDUCATION

### California State University, Fullerton

M.Sc. Computer Science, California State University, Fullerton (GPA: 3.81)

Fullerton, California

Graduation Date: May 2021

## WORK EXPERIENCE

### Tala

Software Engineer

Santa Monica, CA

Aug 2021 - Sep 2023

- Collaborated with cross-functional teams using Agile methodologies to develop an internal web application that improved efficiency and customer satisfaction, resulting in a 20% reduction in customer inquiry response time.
- Researched and integrated SplitIO, a feature flag system, decoupling releases to achieve a 50% reduction in release time while enabling customized feature deployments for diverse markets.
- Partnered with the tech lead to successfully implement a comprehensive testing framework, elevating test coverage from 0% to 90%, resulting in a significant improvement in overall software quality.
- Conducted comprehensive analysis of the Jenkins script, identifying and implementing efficiency improvements that reduced build and deployment times by 60%, ultimately contributing to a more efficient and productive workflow.
- Cooperated closely with cross-functional teams to review and implement compliance-mandated changes, ensuring the company's adherence to foreign markets regulations and maintaining company integrity.
- Maintained meticulous project documentation and upheld uniform coding practices, facilitating a streamlined onboarding process that took no more than one week for new team members.

### Talaria Order

Co-founder and Web Developer

Remote

May 2020 - May 2021

- Led the end-to-end development of the company website, employing a comprehensive approach that resulted in the acquisition of hundreds of customers within the initial months.
- Spearheaded the creation of the in-house Customer Relation Management System (CRM), leveraging cutting-edge technologies, with a forecasted potential to elevate productivity by 50%.
- Crafted the company's overarching vision and tactical execution plan encompassing the short and long-term objectives, aimed at transitioning to an inventory-based business within a 3-year timeframe.

## PROJECT EXPERIENCE

### CARE Admin

Tala

Remote

Aug 2021 - Aug 2023

- Developed a comprehensive Single Page Application utilizing React and Redux, focused on enhancing functionality, performance, and user experience.
- Utilized Ant Design, SASS, and BEM methodology to architect a visually appealing UI, ensuring consistent styling throughout the application.
- Leveraged Craco to effectively compile and override styles from Ant Design, ensuring seamless integration of custom styling requirements.
- Developed a robust survey creation feature using the react-beautiful-dnd library, allowing users to effortlessly organize surveys with drag-and-drop functionality.
- Implemented and maintained a suite of component tests using Cypress, ensuring the reliability and stability of the application's user interface and functionalities.
- Proactively identified issues across both production and non-production environments within the Microservice architecture. Skillfully utilized Rancher, Instana, and Sumo Logic to diagnose and trace the root causes of issues, enabling targeted alerts to service owners for prompt resolution and optimization.

### Talaria Order Management System

<https://talaria-order.xyz/>

Remote

Jan 2021 - May 2021

- Leveraged Node.js and Express.js to capitalize on their efficiency in handling I/O operations, which proved optimal for a CRUD API, leading to the API's exceptional performance and responsiveness.
- Employed Chakra UI to infuse the application with a contemporary aesthetic, complemented by its user-friendly documentation and seamless usability. The integration of Figma and ChakraUI significantly elevated the visual appearance and overall user engagement.
- Orchestrated the integration of server-side rendering with client-side caching using Next.js and React Query, leading to remarkable reductions in loading times and data consumption, heightening the application's efficiency and user satisfaction.
- Formulated and implemented a First-In-First-Out (FIFO) algorithm to accurately calculate product costs, resulting in precise accounting and effective cost management.