

# Jackson Tran

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## EXPERIENCE

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### Full Stack Developer

June 2022 – Present

*SF Civic Tech*

*Remote*

- Developed and shipped high-quality websites and design systems using JavaScript, TypeScript, React, PostgreSQL, Node.js, and CSS
- Collaborated with cross-functional teams to create innovative technology solutions for civic and social challenges
- Architected technical tools including content management systems, REST APIs, and CI/CD pipelines for industry-standard projects

### Front End Developer

September 2022 – September 2023

*OpenStreetMap*

*Remote*

- Engineered and enhanced features of OpenStreetMap's map data editing interface using React, JavaScript, CSS, Node.js, and Leaflet
- Built a database admin analytics tool analyzing 10,000+ data points, providing insights into user behavior and website performance
- Implemented GitHub API integration for issue reporting, facilitating direct communication between users and maintainers

### Lead Software Developer

March 2022 – August 2023

*Tech4Good*

*Santa Cruz, CA*

- Led multiple teams in designing and developing research-focused web applications using Angular, TypeScript, NgRx, and Firebase
- Collaborated with research teams to propose technical solutions for social computing projects and provided mentorship within the engineering department
- Spearheaded lab-wide accessibility initiatives by establishing best practice documentation and accessibility checklists for developers

### Software Engineer Intern

February 2023 – June 2023

*ChargePoint*

*Campbell, CA*

- Implemented industry-standard software testing techniques with Python and Jenkins, improving testing productivity by 70%
- Developed an automated regression testing system using Jenkins, accelerating performance validation of electric vehicle charging products
- Enhanced internal Python framework to generate JUnit-XML test reports within Jenkins, facilitating clear visualization of test outcomes

## PROJECTS

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### Support SFUSD | *Next.js, React, TypeScript, Prisma, Tailwind CSS, HTML, CSS*

- Spearheaded the web app development, enhancing community engagement and support for SFUSD schools
- Built responsive UI components and optimized database schemas with Prisma to ensure efficient data flow

### SF Ready Meals | *React, Express, Sequelize, PostgreSQL, Heroku*

- Engineered a full-stack web app for finding free/low-cost nutritious meals from participating organizations in the Congregate Nutrition Program
- Successfully delivered all project goals, leading to project adoption by SFHSA for website integration

## EDUCATION

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### University of California, Santa Cruz

Santa Cruz, CA

*Bachelor of Arts in Computer Science; GPA: 3.9*

*June 2023*

### Udemy

*Remote*

*The Complete 2023 Web Development Bootcamp*

*December 2023*

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, TypeScript, HTML, CSS, Python, Swift, MySQL, SQL

**Libraries & Frameworks:** React, Angular, Express, Node.js, Django, Next.js, Prisma, Gatsby, Tailwind, Bootstrap

**Tools & Platforms:** PostgreSQL, MongoDB, Git, GitHub, Netlify, Vercel, Heroku, Docker, Firebase, Figma, Jenkins