

Boulder, CO

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Skills

- React
- JavaScript (ES6)
- TypeScript
- HTML
- Cascading Style Sheets (CSS)
- RESTful APIs
- Git Version Control
- Agile Methodology (Scrum)

Education and Training

Full-Stack Web Application

Development Bootcamp

October 2021

Tech Elevator

Bachelor of Arts Intercultural

Studies

May 2018

Mount Vernon Nazarene University

Kailey Waal

Frontend Software Engineer

Professional Experience

PNC Bank - Software Engineer

November 2021 - Current

- Improved critical incident response times by 8% by collaborating with team of 3 engineers to launch the React/TypeScript user interface for application that facilitates rapid communication to over 7,250 individuals
- Achieved a 37% increase in web application user satisfaction survey scores by spearheading the redesign of the company's internal communication application, utilizing Jira to coordinate resulting development efforts
- Expanded website accessibility by 59% by using Material UI component library to revamp desktop-only application and optimize it for mobile devices and small screens
- Improved code maintainability and reduced technical debt by identifying and extracting reusable components from the codebase, reducing development time by up to 25% for future tasks
- Utilized experience with SQL queries and data manipulation on 1.9+ billion rows of data to create compelling visualizations and intuitive interfaces that effectively communicate key performance metrics to stakeholders
- Conserved an estimated 20-40 developer hours per new hire by establishing and documenting streamlined process for onboarding employees into application environment

Faith Family Empowerment Center - Volunteer Front End Developer

March 2021 – May 2021

- Saved the organization \$19,845 by providing website design, development (HTML, CSS, and JavaScript), and copywriting to drive donations, increase reach and communicate the organization's mission, vision, and needs

Projects

Virtual Stock Market Game – Final Capstone Project – [view feature demo](#)

- Led front-end development efforts on 4-person Agile team to build Vue.js UI for a virtual stock market game that allows users to compete with friends
- Utilized Axios to integrate with RESTful API data, designed and built out the game's main dashboard, and used the Apache ECharts library to display a graphical view of historical stock data
- Assisted backend engineers in designing a PostgreSQL database and evaluating necessary API data for MVP user stories, resulting in the successful implementation of 100% of essential features as well as additional features beyond the project's scope