# Lucas Merchant - Software Engineer
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## SKILLS
Javascript | React | TypeScript | GraphQL | REST APIs | Prisma | Git | Github | OOP
HTML/CSS | CSS-in-JS | Responsive Design | Cypress.io | TDD | Unit Testing | Debugging

## SUMMARY
An outgoing Software Engineer, geared with a flexible and positive attitude, as well as the adaptability to thrive in a fast-paced work environment, seeking a challenging role with a team that values collaboration, agile processes, and developer growth.

## PROFESSIONAL EXPERIENCE

### Web Developer [Contract]
Usherpa | Remote | 11/2022 - 05/2023
*A marketing CRM system for Loan Officers and Realtors. Usherpa takes care of the details and automates marketing so their customers can close more deals with less effort.*
- Collaborated with designers and project managers in an agile environment to deliver design requirements for email templates.
- Built HTML and inline CSS-based email templates that were responsive and optimized for cross-platform accessibility.
- Utilized HTML email design best practices to ensure email templates were of high-quality and met user experience expectations.

### Software Engineer Intern
American Hunt | Remote | 06/2021 - 02/2022
*An emerging startup company, with an engineering team consisting of five members, that is working to connect adventure seekers with landowners and guides for easier access to outdoor experiences.*
- Applied agile work methodologies to further promote collaboration with teammates in order to meet short and long term deadlines. Collaborated with cross-functional teams to define, design, and launch new features.
- Autonomously worked in a self-directed learning fashion, backed by a detailed communication and feedback loop throughout the team.
- Built modular components to increase maintainability, reusability, and aid in codebase organization.
- Participated in peer reviews on code structure, standards, architecture, and feature implementation, to provide additional perspective and catch previously missed errors.
- Utilized end-to-end typing leading to better abstractions of the data when creating new features and improving code quality.
- Promoted a better user experience by applying skeletal loading to create a perception of shorter page load times, and responsive design for content layout adaptability to different screen sizes.
- Contributed full-stack web features by updating the Prisma schema and creating custom resolvers, then building beautiful user interfaces utilizing MaterialUI library.
- Stack: React, TypeScript, GraphQL, CSS-in-JS, PostgreSQL, Prisma, Koa, Node.js

## PORTFOLIO PROJECTS
**MiWi** | 02/2022 - Ongoing | [https://miwi-frontend.vercel.app](https://miwi-frontend.vercel.app) | [Frontend Github](#) | [Backend Github](#)
*Midwifery prototype app, created to guide users through daily activities in preparation to rock their birth.*
- Conceptualized, created, and deployed full stack application.
- Implemented dynamic page routing to ensure easy site navigation.
- Built user interface using MaterialUI library.
- Used React-Circular-Progressbar library to create visually aesthetic graphs displaying user inputs.
- Created a GraphQL API using Prisma with a PostgreSQL database.
- Thoroughly tested UX, including error handling, through the use of Cypress' E2E and component testing.
- Applied responsive design throughout application.
- Stack: React, TypeScript, GraphQL, PostgreSQL, Prisma, Express, Node.js, Vercel, Render, Cypress.io

## EDUCATION
**Turing School of Software & Design** | Front-End Development | Remote
*ACCET Accredited Program in Front-End Engineering where students receive 1700+ hours of technical instruction, independent project work, and job-readiness courses/exercises.*

**University of South Carolina** | Mechanical Engineering (Bachelor of Science) | Columbia, SC