

Troy Caselli

Full-Stack Web Developer | JavaScript and React Developer | Software Engineer

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TECHNICAL SKILLS

Front-End: JavaScript, React.js, TypeScript, Next.js, C++, Axios, Redux, Context API, HTML, CSS (Less, Tailwind, ChakraUI), Yup

Back-End: Node.js, Express, Relational Databases (SQLite3 and PostgreSQL), Docker, knex.js, PHP

Additional Skills: API endpoints/Integration, automation testing (Jest and Cypress), Project Management, GitHub, GitLab, VS Code, Git CLI, Postman, HTTPie, Vercel, Netlify, Deployment, Architecture, Algorithms, Debugging

PROJECTS

Faith in Five Initiative, Full-Stack Developer

[Gitlab: private repo] [\[Website\]](#)

This web app helps Faith Bible Church serve its neighbors better through interactive addresses display and visit log feature.

- Created and incorporated a fully functional user landing dashboard and neighbor logs archive page in **TypeScript**.
- Developed an intuitive user interface using **Chakra UI** elements with custom styling from an **Adobe XD** wireframe.
- Established **API** integration between **PostgreSQL** database and dashboard and logs archive pages for relevant **UX**.

Family Promise Shelter Management System, Front-End Developer

[Gitlab: private repo] [\[Website\]](#)

This application enables homeless individuals to digitally fill out and submit an intake form for admittance to a local shelter.

- Built and merged a multi-step, **single-page application**, intake form into the project using **Typescript (TSX)**.
- Utilized **Tailwind** to match the intake application form components with the whole project for **UI/UX** consistency.

Asylum Office Grant Rate Tracker, Front-End Developer, UI/UX Developer

[\[GitHub\]](#)

This site provides public information and data for asylum grant rates in the USA and private features for authorized users.

- Built landing and profile pages from wireframe using **Less CSS**, **flexbox**, and **media queries** for responsive **UI** design.
- Replaced mock data with production data by adapting and rewriting the logic of **Axios** promises and **API** integration.
- Implemented **Auth0** login/logout functionality with **protected routes** and secure **API endpoints** in **React Router 5**.

Friends List Login, Front-End Developer, UI/UX Developer

[\[GitHub\]](#)

This web application simulates an electronic phonebook by storing a user's list of friends with their contact information.

- Designed a user-friendly, **single-page application** which interacts with a user's friend list using **React Router 6**.
- Regulated access to restricted user Friends and Add Friend pages with **token authorization** and **PrivateRoutes**.
- Employed **Yup** to validate and add new friend data and incorporated error messages and disable for quality **UX**.

User Account Database, Back-End Developer

[\[GitHub\]](#)

This backend-only app records and persists user and company name information alongside their current spending plan cap.

- Constructed a **RESTful API** integrating each **CRUD** operation for users to interact with the budget database.
- Developed **middleware** functions purposed to evaluate user requests and respond with an error message if invalid.
- Utilized **Knex** in asynchronous models enabling access to and manipulation of the **SQLite3** user accounts database.

EXPERIENCE

ikTech, Contract Full-Stack Developer

Jan. 2023-Current

- Contributed to large-scale, multi-tier production applications enabling nonprofits to better serve the community.
- Developed code in agile workflows with small teams and independently to achieve stakeholder needs on schedule.

Family Promise, Front-End Developer Intern

Sept. 2022-Dec. 2022

- Advanced the development of a digital intake form to more expediently admit potential homeless shelter guests.
- Learned TypeScript, Tailwind CSS library, and Docker in order to efficiently contribute to projects source code.

EDUCATION

Bloom Institute of Technology, Graduate of the Full-Stack Web Development Program

July 2022 – Apr. 2023

The Southern Baptist Theological Seminary, Anticipated M. Div. in Christian Ministry

Feb. 2020 – Dec. 2025

Moody Bible Institute, Bachelor of Arts in Biblical Studies with summa cum laude

Sept. 2013 – Dec. 2017