Troy Caselli

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TECHNICAL SKILLS

Front-End: JavaScript, React.js, TypeScript, Angular, Next.js, Axios, Redux, Context API, HTML, CSS, Yup
Back-End: Node.js, Express, knex.js, Relational Databases (SQLite3 and PostgreSQL), Docker, C++, 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, Slack, Figma

EXPERIENCE

ikTech, *Contract Full-Stack Developer*   **Jan. 2023 – Current**
Contributed to large-scale, multi-tier production applications, enabling local nonprofits to better serve the community.

Emergency Shelters Reports Hub *(Sept. 2023)*   [Website]
This site centralizes and organizes Spokane County ES data for public availability and utilization by the City of Spokane.
- Expedited site deployment by consulting the Stakeholder for feedback and expectations within an **agile** workflow.
- Designed **wireframes** and **mock-ups** for mobile and desktop using **Figma** by employing standard **UI/UX** procedure.
- Built a fully responsive front-end **SPA** using **TS** and **Angular** with intuitive navigation, increasing the app's usability.

Faith in Five Initiative *(Mar. 2023 – Sept. 2023)*   [Website] [Exhibit]
This app helps Faith Bible Church serve its neighbors better through an interactive address display and visit log feature.
- Designed a fully functional landing dashboard and neighbor logs archive page in **TypeScript** for 800 active users.
- Crafted an intuitive **UI** from an **Adobe XD wireframe** using customized **Chakra UI** for easy address and log access.
- Filtered 12,000 addresses in **PostgreSQL** DB for relevant dashboard and logs archive data through **API** integration.

Family Promise, *Front-End Developer Intern*   **Sept. 2022 – Dec. 2022**
Advanced the development of software to combat family homelessness in the City of Spokane.

Family Promise Shelter Management System *(Nov. 2022 – Dec. 2022)*   [Website] [Exhibit]
This application enables homeless families to digitally fill out and submit an intake form for admittance to local shelters.
- Built a **single-page application** intake form using **TypeScript** to be used by 50 unique users per nonprofit per month.
- Increased application completions by utilizing **Tailwind** styling which improved the intake form components' **UI/UX**.

PROJECTS

Asylum Office Grant Rate Tracker, *Front-End Developer, UI/UX Developer (Mar. 2023)*   [GitHub] [Exhibit]
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 (Jan. 2023 – Apr. 2023)*   [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 (Dec. 2022 – Mar. 2023)*   [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.

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**