Troy Caselli

Spokane, WA | swordandtrowel1689@gmail.com | Portfolio | GitHub: troycaselli | LinkedIn: troycaselli

TECHNICAL SKILLS

Front-End: JavaScript, React.js, TypeScript, Next.js, HTML, CSS (Less, Tailwind, ChakraUI), Axios, Redux, Context API, Yup
Back-End: Node.js, Relational Databases (SQLite3 and PostgreSQL), Express, knex.js, Docker, C++, PHP
Additional Skills: API endpoints/integration, automation testing (Jest and Cypress), Debugging, Algorithms, Architecture, Project Management, Git CLI, GitHub, GitLab, VS Code, Postman, HTTPie, Vercel, Netlify, Deployment

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. Developed code in agile workflows to tailor products to stakeholders' needs. Worked in small teams of two or three according to the demands of the current development iteration.

   Faith in Five Initiative *(Mar. 2023 – Current)*   [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 a digital intake form to expedite the administration of services to homeless families in Spokane. Self-learned TypeScript, Tailwind CSS library, and Docker in order to efficiently contribute to the project's source code. Worked on project's tasks independently while under the supervision of the project manager.

   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 a local shelter.
   - Built a **single-page application** intake form using **TypeScript** to be used by 50 unique users per nonprofit per month.
   - Utilized **Tailwind** to match the intake application form components with the whole project for **UI/UX** consistency.

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**