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, Python, 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

Remotasks, *AI Programming Response Evaluator*   **Oct. 2023 – Current**
Advanced the development of the latest iteration of Google Bard. Evaluated two generative AI models' responses to a wide variety of user programming prompts according to certain criteria and expectations. Provided an extensive description of the strengths and weaknesses and specific recommendations conducive to developing and optimizing both AI models.

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] [Exhibit]
> 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.
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> **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**.

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**