CASSIE LEWIS

Portfolio: casserole27.github.io | built with React / Next.js and TypeScript

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Summary

Software engineer with two years of experience developing efficient data-driven solutions and visually engaging user interfaces. Skilled in systems thinking, process optimization, and clear communication, I thrive in collaborative environments. Motivated by curiosity and a desire for meaningful challenges, I continuously grow my technical abilities while seeking work that drives positive impact.

Software Experience

Conductor Solar, September 2023 - June 2025

- Contributed to UI v2.0 and new feature development using React, TypeScript, and styled-components, while expanding into full-stack development through proactive learning and hands-on backend work. UI v2.0 resulted in a 20% reduction in customer assistance requests.
- Built end-to-end features — including a revised fee structure — using Node.js, Objection.js (with Knex and PostgreSQL), and OpenAI on the backend, and React with TypeScript and styled-components on the frontend. This update improved the user experience around project bids and contributed to increased company revenue.
- Participated in UI/UX strategy and design discussions to help shape intuitive, user-centered experiences.
- Led documentation efforts by creating reusable templates and documenting high-level components and architectural changes, resulting in a more maintainable codebase and faster development cycles.

Personal Projects

In Progress: Invoice Creator for Small Businesses: **[Live Site](#) | [GitHub](#)**

- Dynamic invoice creator web app built with vanilla JavaScript, HTML, and CSS, enabling users to add, edit, and remove invoice line items with real-time total calculation and input validation.
- Currently refactoring into a full CRUD application by integrating database functionality and backend APIs to support persistent invoice data storage, retrieval, and updates, enhancing functionality and scalability.
- Future upgrade plans include migrating to TypeScript and React for improved maintainability and developer experience.

TECH STACK: HTML5, CSS, JavaScript, Express.js, Node.js, Objection.js (with Knex and PostgreSQL)

Color Scheme Generator: [Livesite](#) | Github

- an application designed to pull color information from the Color API for use with web development as well as art and design.
- features the ability to copy hexcodes to the clipboard

TECH STACK: **HTML5, CSS, JavaScript, REST APIs, Responsive Design, UI/UX, Accessibility**

Upskilling and Education

Udemy: React Testing Library with Jest / Vitest 2025
 - deep into gaining additional experience with unit testing

Structy data structures and algorithms course 2025
 - sharpening logic skills and programming knowledge

 Coding Bootcamp, 9 month Scrimba Frontend Development 2023
 - HTML, CSS, JavaScript, React, responsive design, team project building

Udacity, Web Accessibility 2023

Codecademy, Beginner and Intermediate JavaScript 2022

freeCodeCamp, Responsive Web Design and JavaScript DSA bootcamps 2021

Ohio State University, Fine Arts Photography, Art History 1999 – 2004

Other work experience: a common thread of creating delightful and meaningful experiences

Bulk Foods Manager, Kindred Market, May 2019 - September 2023

- Prioritized exceptional customer experience by ensuring a well-maintained inventory, appealing display designs, and convenient product dispensing.
- Start-up grocery store: built position from the ground up, developed standard operating procedures while overseeing department-related projects. This resulted in steadily increasing sales.
- Implemented sales events, resulting in the department's highest monthly revenue to date.

Owner / Operator, LewisLens Photography, LLC 2012 - 2019

- Utilized technical and design skills, effective collaboration, and excellent communication to create distinctive and enjoyable portrait experiences for clients.
- ·Managed company website, social media platforms, branding initiatives, and financial responsibilities.

Home Educator, 2014 - 2023
- Foster learning, fundamental academics, and project-based activities in everyday living and gameschooling contexts.
- Offer social and emotional coaching to support personal growth and well-being.

Yellow Brick Pizza, Arcade Super Awesome, Columbus Food League: Server, 2009 - 2018
- Delivered an enjoyable customer experience by providing knowledgeable and efficient service, as well as maintaining attractive dining area presentations.
- Successfully managed high-volume dining rooms while demonstrating a calm demeanor.