

Charles Tyra

Frontend Designer and Software Engineer, Brooklyn, NY

+1 617-549-3247

charlesttyra@gmail.com

I like to think of myself as a Swiss army knife in the workplace, I am a multidisciplinary scholar and creative. Across contexts, I am driven to surpass expectations, adapt to change and challenge, and grow from my mistakes. As an early career software engineer, I bring a background in studio arts that drives my aesthetic and detail-driven focus.

Proficiencies:

React, Ruby, Rails, JavaScript, Typescript, Java, C++, SQL, CSS, HTML, PostgreSQL, MongoDB, Express, Node, AWS, Git

Trip-It

MERN stack

[github](#) | [live](#)

A travel-planning web app allowing users to make trip decisions asynchronously. I designed the bespoke “travel-themed” user interface (UI) playing on the idea of postcards with complete a webpage path outline. Finishing up design and frontend, I headed the review and debugging for successful deployment of this collaborative project.

- Designed a bespoke “travel-themed” user interface (UI) playing on the idea of postcards for a collaborative trip planning web application including manually drafting assets to ensure consistent aesthetics and spacing when rendered on the frontend.
- Adopted an agile workflow for a highly optimized development sprint including daily standups to identify any challenges or blockers along with git for version control to meet a 10-day deadline.
- Leveraged strong coding knowledge and extensive detail work to navigate the team codebase conducting review, troubleshooting, and debugging for streamlining project sprint.

sahara

React, Ruby on Rails

[github](#) | [live](#)

A faithful re-render of the Amazon e-commerce website with an “Animal Crossing” product theme. Replicating proprietary assets required reverse engineering spec details from the original codebase. A perfect example of the lengths I’m willing to go to achieve a specific look and feel for the frontend.

- Crafted a truly pixel-perfect Amazon clone including reverse engineering particular digital assets from the proprietary codebase to ensure a heavily accurate, detailed recreation of the early 2023 website.
- Customized CSS selectors for dynamic and resizable website visuals to adhere to accessibility and user experience best practices.
- Utilized a Ruby on Rails backend paired with a React.js frontend in order to build a fully deployed full-stack website with AWS(S3) and PostgreSQL bucket storage for full CRUD functionality across the app.

Wild Wines. Bushwick, NY

Wine Store

2023 - Current

A specialty (natural) wine store in the heart of Brooklyn. Originally offered position due to a connection made from a previous job. Part of a small team where we’re given the responsibility to run shop by ourselves on a daily basis.

Patti Ann’s. Prospect Heights, NY

Restaurant

2022

Part of the opening team, I was able to leverage previous experience to become the Lead Server in a michelin-rated adjacent atmosphere. Trusted to coordinate a small team to serve and provide support for high profile guests.

Education & Certificates:

Bard College. Moderation into Studio Arts, course concentration in Computer Science and Chemistry

App Academy. Full Stack Coding Bootcamp