

## SKILLS

Full Stack Developer: React, Redux, Ruby, Rails, RSpec, JavaScript, PostgreSQL, NodeJS, Git, HTML, CSS, SQL

## PROJECTS

**Yup** (Rails, PostgreSQL, ReactJS, Redux, HTML5, CSS3)

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

A Yelp inspired application.

- (data management) Integrated AWS S3 and the aws-swk gem for storage and retrieval of business and user images, reducing storage costs and building a secure and stable platform for storing user-accessible assets.
- PostgreSQL: Created a local PostgreSQL database to store tables in a relational format, integrated with a Rails backend.
- Built a modular review system using a backend joins table to render new posts and live update average rating, allowing for a seamless visual user experience.
- Implemented a review form React component, providing create, update and destroy functionality.

**Population Tracker** (JavaScript, D3.js, HTML5, CSS3)

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

A visualization of the U.S. Census data.

- Utilized Fetch and asynchronous functions to access the census.gov API, providing user access to various external datasets.
- Built an object-oriented geographical component incorporating D3 geo to graphically render census data onto a U.S. map, with options to display multiple parameters.
- Used CSS variables and JavaScript conditional styling to create reactive elements, layers, and modals, which form an intuitive single-page UI.

**NYGHT** (Express.js, React / Redux, Node.js, AWS, Google Maps API, Nodemailer, HTML5, CSS3)

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

A social event planner that creates custom itineraries.

- Collaboratively managed a distributed team in which my role was Flex Lead. Implemented version control using git and github to reflect best practices in branching, pull requests, and code review.
- Implemented backend routes, validations, and models using ExpressJS server, for a seamless connection to the frontend JavaScript-based React site.
- Connected cloud-based database MongoDB to our Express backend server, to organize app and user data without the need of a hosted database instance.
- Created a randomizer/carousel selector React component, which connects backend create, update and destroy functionality to a playful and engaging user experience.
- Integrated nodemailer to compose and send emails through a Gmail account, allowing users to present itineraries to invited guests instantly.

## EXPERIENCE

**Music Teacher** - iPianoLab

Sep 2019 - Present

- Taught group piano keyboard classes for school-aged children, helping expand client base by 200%.
- Maintained a growing studio of piano keyboard students, at home and over Zoom, leveraging live streaming audio technology and supporting the company to provide subscriptions to 50% more parents.

**Band Leader and Solo Musician** - Freelance

Oct 2015 - Present

- Planned, budgeted, and documented all aspects of music services for weddings, private parties, and live music venues.
- Collaborated with musicians and event planners to create personalized setlists, catering to the needs and vibe of the event.

## EDUCATION

**Full Stack Development** - App Academy | Fall 2022

**MM Music** - Purchase College at the State University of New York | 2017 - 2019

**BFA Music** - City College of New York at the City University of New York | 2015 - 2017