

# Nathaniel Ortega

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

**SKILLS** JavaScript, React / Redux, Python, Flask, HTML, CSS, Express, SQL, Sequelize, Git, Node.js, Pair Programming, Amazon Web Services (AWS), Google Maps API

## PROJECTS

Bazaar | (React/Redux, Python, Flask, SQLAlchemy, JavaScript, AWS)

[Live](#) | [GitHub](#)

An Etsy clone

- Created dynamic seeder files to pull directly from Etsy's API, sourcing real product data with **Flask-SQLAlchemy**.
- Established user privacy with **CSRF** validation and **Werkzeug** hashing to prevent storage of plain text passwords.
- Implemented a store feature with **React / Redux** allowing users to remove and add products from their store.
- Connected **Flask** back end to **AWS** S3 bucket which allows users to store product photos and user photos on the site for convenience and better scalability of image services.
- Collaborated virtually with 3 other developers to simulate a real working environment, using **AGILE** methodologies and **GitHub** workflow.

Adopt-a-Pet | (React/Redux, Python, Flask, SQLAlchemy, JavaScript, AWS)

[Live](#) | [GitHub](#)

A PetFinder clone

- Utilized Dog, Cat, and PetFinder API endpoints to seed real information on animals and shelters using **Flask-SQLAlchemy**, allowing users to see real life options for adoption.
- Dynamically placed animal shelters on a map with **Google Maps API** with clickable markers using **React** components to easily view shelter locations.
- Created conditional rendering logic with **React / Redux** to implement like and unlike features with queries to **PostgreSQL** database via **Flask** and **SQLAlchemy**.

GitGud(GG) | (HTML, CSS, PUG, Sequelize, Express, Node.js, postgresSQL)

[Live](#) | [Github](#)

A Quora clone

- Implemented one-to-many relationships with **Sequelize / Express** allowing users to easily find posts related to certain topics.
- Allow users full **CRUD** functionality when adding comments on to posts or when creating posts themselves.
- Full account creation, login, logout, and guest/demo login for quick entry to the site.

## EXPERIENCE

Software Engineer Assistant

Sept. 2021 - Present

App Academy

- Administering mock technical interviews (including systems design, DS&A, and technical trivia).
- Providing debugging support on portfolio projects.
- Escalating technical issues to technical coaches and hosting technical office hours.
- Monitoring the Job Seeker Study Hall and hosting daily stand-ups when on duty.
- Reviewing progress on tasks assigned by Coaches.

Professional Cellist / Manager

RWS Entertainment Group

Oct 2016 - Mar 2020

- Performed in a piano quintet on Holland America cruise lines as an artist of Lincoln Center.
- Managed and scheduled rehearsals, communicated with upper management both onboard and offboard the ship.
- Played classical and modern music in curated programs for guests and maintained the highest performance rating across all ship entertainment.
- Collaborated with other musicians and performers for BBC Earth programs onboard the cruise.
- Developed interpersonal relationships with culturally-diverse coworkers and built rapport with global audience members creating a better performance atmosphere.

## EDUCATION

Eastman School of Music / University of Rochester - BM Music Performance | 2009-2014

AppAcademy - 24 week full-stack software engineering immersive | Dec 2020 - May 2021