Nathaniel Ortega

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GitHub | https://github.com/Natejo91
Portfolio | https://natejo91.github.io

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)*   https://bazaar-aa.herokuapp.com
   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)*   https://adopt-a-pet-app.herokuapp.com
   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**.

AirStage | *(React/Redux, JavaScript, Express, Sequelize)*   https://air-stage.herokuapp.com
   An AirBnB clone
- Used **React / Redux** on the front-end and **Flask-SQLAlchemy** on the back-end to implement CRUD functionality so that users can leave reviews and book reservations.
- Implemented one-to-many relationships with **Sequelize / Express** allowing users to easily find venues that best suit their needs.
- Leveraged **React** framework to create a single page application while implementing **Redux** store to reduce network calls.

EXPERIENCE

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