

**SKILLS** React.js, JavaScript, RESTful APIs, Express, Redux, SQL, Sequelize, PostgreSQL, SQLAlchemy, Python, Flask, Git, HTML5, CSS3, Pug, Heroku, Render, Docker, DOM, Mocha, MongoDB, Node.js, AWS Amplify, Cognito, DynamoDB

## EXPERIENCE

Web Applications Developer (*Contract*)

Duke University/ Duke Temporary Services

Nov 2022 - Feb 2023

- Researched and developed solutions to increase scalability of a legacy full-stack Express application
- Implemented user authentication through AWS Amplify, OAuth 2.0, and AWS Cognito in order to optimize the sign up process for both users and administrators.
- Owned the full conversion and redeployment of the project backend from MongoDB to DynamoDB

## PROJECTS

**Artygram** | (*React-Redux, Flask/SQLAlchemy, Python, RESTful APIs, SQL, CSS*)

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

Pseudo-social media platform focusing around artists that wish to share their works, inspired by Instagram.

- Addition of the customized react-particles feature that adds flair to the app and creates a nostalgic visual experience, similar to Instagram
- Collaborated with team members using Git workflow and Slack to achieve features in a timely manner while switching between frontend and backend
- Reduced SQL table usage by 25% and heavily DRYed up backend code by implementing a one-to-many polymorphic table on the database level
- Adhered to React and ES6 best practices to generate a true single page reactive web app experience

**Gamernite** | (*Python/Flask, SQLAlchemy, RESTful APIs, CSS, React-Redux*)

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

Event planner/ticketing app focused around games, expos, tournaments and other events

- Seamless implementation of various inputs and dataflow similar to Eventbrite
- Employed Redux to optimize information management of React components to create DRY, readable code and increased scalability of a single-page application
- Created a RESTful API utilizing SQLAlchemy for easier querying through Flask backend database

**GoodSeeds** | (*Express, JavaScript, PUG templates, PostgreSQL, RESTful APIs*)

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

A house plant tracking app for your personal collection of plants, inspired by GoodReads

- Incorporated AWS S3 to implement user image uploads, reducing load on server and allowing for scalability of image services.
- Utilized PUG templates to provide structure for our HTML, allowing for a code structure that is easier to read and manage
- Managed shelf creation and plant addition CRUD through custom transactional database relations using PostgreSQL

## EDUCATION

**North Carolina State University** - *Bachelor's of Arts in Psychology, 2017-2020*

**AppAcademy** - 1000+ hour long intensive bootcamp that introduced fullstack languages and frameworks such as Express, Flask, React-Redux, Python, JS, SQL, SQLAlchemy, which I used to build my projects.