

# Robert Popphan

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## SKILLS

JavaScript, Python, React, Redux, Express, Flask, SQLAlchemy, PostgreSQL, SQL, HTML, CSS, Docker, HTML5, CSS3, Pair Programming, Object Oriented Programming, REST APIs.

## PROJECTS

**Gardengram** (JavaScript, Python, React, Redux Flask, SQLAlchemy, PostgreSQL, Docker, Heroku, CSS, AWS S3) [live](#) | [github](#)

- Implemented **AWS S3** to enable users to upload images to improve user experience, and allow for better scaling by allowing images to be stored in the **PostgreSQL** database as strings.
- Incorporated a loading state, by using **React hooks**, prior to content loading to allow for a better user experience during content rendering.
- Applied **React/Redux** to dynamically update pages upon user interaction to render pages without a refresh.
- Integrated modals to make the site more interactive and intuitive for the user.

**Potionable** (JavaScript, Python, React, Redux Flask, SQLAlchemy, PostgreSQL, Docker, Heroku, CSS) [live](#) | [github](#)

- Utilized **FlaskForm validators**, both custom and imported, to validate data for all form fields to ensure valid data was saved to the database.
- Integrated a dynamic search to return projects based on their title in real-time for a better user experience.
- Utilized **React hooks** to redirect users to the appropriate paths based on credentials and display options allowed to a specific user.
- Leveraged **git** branches while working in a team of 3 to ensure accurate and proper **version control**.

**Jolly Jingles** (JavaScript, HTML, CSS, Express, PostgreSQL, Pug, Heroku) [live](#) | [github](#)

- Designed a **database schema** to assist the team in visualizing how the database should be structured, creating a clear point of reference about what tables and fields the project contains.
- Ensured user privacy by utilizing **Bcrypt** on user passwords before being stored in the database to prevent storage of plain text passwords.
- Implemented **frontend authentication**, allowing users to view all content, but only edit content belonging to them.
- Collaborated with a group of 4 using **scrum methodologies** and leveraging a **Kanban** board to split up tasks in order to optimize the time required to complete features.

## EXPERIENCE

### Financial Analyst

MF Consulting

Aug 2017 - Mar 2020

- Analyzed profit and loss reports to present to management to provide an overview of the company's health and explain variances in budgets.
- Lead quarterly and annual budget reviews with departments to forecast future spending and revenue.
- Participated in monthly headcount analyses/reconciliation to forecast employee costs and ensure staffing plans align with company goals.

## EDUCATION

**App Academy** - Intensive 1000-hour immersive full-stack web development with <3% acceptance rate. **Sept 2021 - Mar 2022**

*Topics covered: Python, SQL, JavaScript, React, TDD, algorithms, design patterns, and programming best practices.*

**Bachelor of Business Administration, Finance** - University of West Georgia | GPA: 3.95

**Aug 2014 - Dec 2016**

## Honors and Awards

The University of West Georgia Dean's List, Fall 2014 – Fall 2016  
Interpretive Business Simulations Scholarship – 1<sup>st</sup> Place

## Community Service

Volunteer at Magnolia Manor Nursing Home  
Volunteer at [The University of West Georgia's Media Day](#)