Dylan Silva

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SKILLS Javascript, Python, Node.js, React, Redux, Docker, Flask, SQLAlchemy, Git, PostgreSQL, HTML, CSS, Heroku, SQL, Express.js

PROJECTS - built using **React, React-Redux, and PostgreSQL**. CSS was custom made (no libraries)

Red Riding Hood (Robinhood Clone) (**Flask and SQLAlchemy** backend)   **Github**, **Live Link**:

- Created a **PostgreSQL database** which included a many-to-many relationship between stocks and lists to make querying the association data easier.
- Utilized the **node package Chart.js** to provide an interactive visualization on portfolio growth.
- Deployed the project using **Docker containerization** to make cloud deployment easier
- Hit **Yahoo Finance API endpoints** for updated stock data, allowing the user to have current information (currently in development)

Plantstagram (Instagram Clone) (**Flask and SQLAlchemy** backend)   **Github**, **Live Link**:

- Implemented the follower/following feature, user profile pages, and manipulated the **Redux store** to easily render user data on the client side.
- Implemented **Firebase cloud storage** to allow users to upload local images to their feed/profile
- Collaborated with a team of 3 others using **git workflow** which allowed making updates to the application convenient.
- Working on implementing a direct messaging feature using **Socket.io** (currently in development)

Git it Done (Remember the Milk Clone) (**Sequelize.js** and **Express.js** backend)   **Github**, **Live Link**:

- Built using the templating engine Pug.js instead of React to polish DOM manipulation and raw HTML/CSS skills
- Implemented full CRUD functionality for lists and tasks

EXPERIENCE

Saight Dev, Remote, Front End Development Internship (2020)

Relevant Skills: Software Engineering with Node.js, React/Redux, HTML/CSS

- Collaborated with two teams of front-end engineers to responsive applications for clients.
- Designed an application for a client that resulted in a **30% increase** in website traffic and a **40% increase** in online sales
- Polished front-end design skills and learned about **SCRUM** and **AGILE** methodology

EDUCATION

App Academy (2021- 2022)

- Rigorous **1000-hour** software development course with **<3% acceptance rate**
- Topics include: **Data Structures, Algorithms, REST, Docker, React, React-Redux, Web Frameworks, Security, Authentication, Web Design**

The University of Texas at Austin (2017-2021)

- Bachelor of Arts in Economics w/ a minor in Business, Mathematics
- Curriculum Highlights: **Linear Algebra, Discrete Mathematics,** Probability, Elements of Computing, Finance, Management