Johan Fortus

[Portfolio Website](#) • [GitHub](#) • [LinkedIn](#) • Gainesville, FL

Technical Proficiencies

Languages:	Python3, JavaScript (ES6+), HTML, CSS, SQL
Frameworks/Libraries:	React, Node.js, Express.js, Redux, Flask, Bootstrap, jQuery
Database/Industry Tools:	PostgreSQL, Git, GitHub, REST API
Other Tools/Software:	Visual Studio Code, Slack, Responsive Design, Web Accessibility, MS Office, Database Administration, Spyder, Data Structures/Algorithms

Education

Bachelor of Science, Computer Science.   **Expected Graduation: May 2025**
University of Florida – Gainesville, FL.

Relevant Experience

Springboard – Tampa, FL.   2022 – 2023
Software Engineer Student Fellow

- Acquired in-depth knowledge of software engineering methodologies and technologies by completing an intensive 800+ hour course with 1:1 industry expert mentor oversight as well as delivered portfolio projects.
- Created exceptional expertise in front-end and back-end web development, databases, and data structures and algorithms.

Notable Projects

Jobly [(Website)](#) – [(GitHub)](#)   Sep 2023

- Created a job application that allows a user to search for jobs and companies that includes a login, register, and a logout feature. When logged in the user can see a list of companies hiring as well as a list of jobs to apply to. The user has a profile page where they can see their profile information as well as edit that information.
- Jobly's express backend uses a JWT to ensure a user is logged in otherwise they cannot see the companies, jobs, or profile page. Jobly's frontend stores the JWT in localStorage to authenticate and authorize the user logging in.
- Jobly's backend makes use of JSON schema to validate forms before any information is sent and saved to the database.
- Used: **Javascript ES6, React, Express, and PostgreSQL**

Warbler (Twitter Clone) [(Website)](#) – [(GitHub)](#)   Aug 23

- Created a Full-stack Twitter clone including features for posting messages, liking posts, following users, handling account details, and login/logout authentication.
- Added user authentication/authorization to RESTful API routes utilizing Bcrypt password hashing.
- Managed many-to-many database relationships with Python ORM SQLAlchemy.
- Used: **Python, Flask, PostgreSQL**

Final Frontier NASA API [(Website)](#) – [(GitHub)](#)   Jul 2023

- Created a Front-end web application that highlights NASA's space explorations.
- Utilized the NASA API and Axios to dynamically display data of NASA's image library.
- Implemented searching, user authentication, and CRUD functionality with the use of Firebase.
- Used: **JavaScript ES6, React, HTML, CSS/Bootstrap**

Hack or Snooze [(Website)](#) – [(GitHub)](#)   Jul 2023

- Created a Front-end web application clone of the popular news-aggregator site, Hacker News.
- Constructed modular, cross-platform client using Javascript. Configured AJAX communications between client and Hack or Snooze API using Axios. Created features that allows users to create accounts, log in, create articles, and more.
- Used: **JavaScript ES6, React, HTML, CSS/Bootstrap, jQuery**