

Seth Holland

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[GITHUB](#)

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SKILLS

JavaScript | Python | Node.js | React | Redux | PostgreSQL | Flask | Express | Sequelize | SQLAlchemy | HTML | CSS | Git

PROJECTS

Aint Nobody Got Time For That (Javascript, Python, Node.js, React, Redux, PostgreSQL, Flask, SQLAlchemy)

[live](#) | [GitHub](#)

A meal planning application made for speed and simplicity

- Designed a custom UI/UX centered around intuitive functionality with wireframes first laid out in Figma.
- Created a search feature to query multiple tables in the Postgres database using Flask-SQLAlchemy.
- Concatenated information from across the database to present data seamlessly in React components.

Harmony (Javascript, Python, Node.js, React, Redux, PostgreSQL, Flask, SQLAlchemy)

[live](#) | [GitHub](#)

A communication application modeled after Discord.com

- Spearheaded the design of all React components to achieve the desired layout and functionality of the application.
- Developed channels section of the application including drop-down menus using plain CSS.
- Implemented Flask-SocketIO to achieve real-time communication between users.
- Researched and applied Tippy.js for React to achieve hover tooltip functionality for servers.

Roasted (Javascript, Node.js, React, Redux, PostgreSQL, Express, Sequelize)

[live](#) | [GitHub](#)

A social application centered around coffee modeled after Untappd.com

- Integrated React components in a single page application designed for social interactions between users.
- Connected frontend to Express backend using custom REST APIs
- Implemented Redux to keep information pertaining to each user readily available.

EXPERIENCE

Coilmaster Corporation

Application Engineer / Sales

Additional Title / Responsibilities: Feb 2018 - Aug 2021

- Managed prospective and current customer accounts by providing quotes, technical drawings, and general support, serving as a liaison between customers and internal departments regarding best practices and technical knowledge.
- Trained customers and other team members on software developed in-house, conducting testing and providing feedback to the IT department based on additional needs and customer preferences.
- Engineered multiple calculators in Excel to streamline processes across departments.

Senior Design Engineer

Additional Title / Responsibilities: Apr 2014

- Approved all engineered drawings before releasing them to production, reducing errors by 70%.
- Reviewed customer orders for manufacturability and resolved any issues with the sales team or customers directly.
- Adhered to company and HVAC industry standards to create technical drawings using 3D and 2D CAD software.
- Trained new engineers on design, processes, standards, and software.

Senior Product Engineer

Hired: Jan 2007

- Developed a large VBA Excel project that allowed easy uploads of over 2000 rows of data across 20 tabs.
- Communicated with customers to develop new products based on needs and capabilities.
- Coordinated instructions required for project completion between sales, engineering, production, and quality departments.
- Created standards for technical drawings of new and previously implemented products.
- Created work instructions, on-the-job training documents, and method sheets.
- Led entire product development lifecycles from the concept phase through final production.

EDUCATION

Software Engineering - Certification | App Academy | Spring 2022

Electromechanical Engineering Technology - BS | Middle Tennessee State University | 2002 - 2006