

Seth Holland

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[GITHUB](#)

[LINKEDIN](#)

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.
- Formed a streamlined approach that keeps users on the same page while creating or editing their comments.
- Implemented Redux to keep information pertaining to each user readily available.

EXPERIENCE

Application Engineer / Sales

Coilmaster Corporation

Feb 2018 - Aug 2021

- Engineered multiple calculators in Excel to streamline processes across departments.
- Managed prospective and current customer accounts by providing quotes, technical drawings, and general support.
- Cultivated and strengthened customer relationships to drive revenue growth.
- Conversed with customers and engineers to assess equipment needs and determine system requirements.
- Provided exceptional customer support before, during, and after purchase.
- Trained customers and other team members on software developed in-house.
- Tested software and provided feedback to the IT department based on customer requirements and preferences.
- Problem solved sales and service issues to provide effective resolutions.
- Acted as the main point of contact for customers and all internal departments regarding best practices and technical knowledge.

Senior Design Engineer

Coilmaster Corporation

Apr 2014 - Aug 2021

- Approved all engineered drawings before releasing to production reducing errors by 70%.
- Reviewed customer orders released by the sales department 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

Coilmaster Corporation

Jan 2007 - Aug 2021

- 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.
- Coordination special instructions required for project completion between sales, engineering, production, and quality departments.
- Created standards for technical drawings of new and previously implemented products.
- Provided pricing for any new or modified equipment designs.
- 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