

# ZAC WATTS

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

## SKILLS

Python, JavaScript, React, Redux, Express, HTML, CSS, SQL, Node, Flask, Git, Postgres, Sequelize, SQLAlchemy, Docker

## PROJECTS

**World Foundry** (Flask, ReactJS)

[live](#) | [github](#)

*World Foundry leverages Flask, SQLAlchemy, ReactJS and PostgreSQL to help genre novelists organize worldbuilding materials such as lore, characters, genealogies and settings.*

- Implemented a Material-UI Tree View React Component to organize user directories in a visually pleasing way.
- Created a dynamic HTML text editor utilizing the Tiny MCE API that gives users freedom over style, font size, color, and other design aspects for documents.
- Designed a self-referencing hierarchical database table for simplified arrangement of user directories.

**first\_draft** (Flask, ReactJS)

[live](#) | [github](#)

*With first\_draft, a Medium clone, logged-in users can create and read articles.*

- Developed a visually pleasing aesthetic using a mix of exterior stylesheets, animations, and vanilla CSS.
- Utilized encryption technology to protect user passwords and restrict access to various pages for unauthorized guests.
- Incorporated React components and JSX to dynamically display the six most recent stories from the database to a logged-in user's homepage.

**deadreads** (ExpressJS)

[live](#) | [github](#)

*Deadreads, a horror-themed Goodreads clone, uses Express to allow users to browse a curated selection of horror books and add them to their desired shelves.*

- Leveraged complex Express routing logic to programmatically add books to specific bookshelves with a dropdown select element.
- Built a pop-in text editor for users to write and post reviews for specific books. Reviews were displayed on a dedicated page as well as individual book pages.

## EXPERIENCE

**Instructional Assistant**

*App Academy*

Feb 2021

- Lectured class of 100 on fundamental JavaScript tools and practices.
- Answered student technical questions and provided additional instruction to foster a personalized learning environment.
- Contributed to company learning materials on GitHub using Agile framework.

**General Manager**

*Pro Response Restoration*

Aug 2019 - May 2020

- Acquired several high-profile partners, some of which still account for a majority of the company's job referrals.
- Managed a team of technicians covering the entire Dallas-Fort Worth metroplex.
- Oversaw adherence to proper OSHA and IICRC guidelines for water, fire and mold damage, and asbestos abatement.

## EDUCATION

**Software Engineering - App Academy** | January 2021

- Rigorous 1000-hour software development course with <3% acceptance rate.
- Teaches full-stack web development: Python, SQL, Javascript, React, TDD, algorithms, design patterns, and programming best practices.

**Weber State University** - BA Communication with emphasis in Public Relations and Advertising | 2017-2019