ZAC WATTS

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

RELEVANT EXPERIENCE

Instructional Assistant

App Academy   Feb 2021 - Present
- Taught best practices of JavaScript, Python and frameworks such as Flask and React to 50+ students.
- Led several teams of developing software engineers through the entire development lifecycle from backend to frontend, including planning and documentation phases.
- Contributed to and revised company learning materials on GitHub using Agile workflow with a team of other developers.

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 to give freedom over style, 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 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

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 on-site for asbestos abatement, water, fire, and mold damage.
- Acted as primary point of contact for all homeowners with active worksites.

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 | *August 2019*