

Troy Dawson

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Skills JavaScript, Python, Node, React, Redux, Sequelize, Express, Git, Flask, SQLAlchemy, PostgreSQL, Docker, Amazon Web Services, Mocha, Chai, Pytest, Html-5, Css-3, Materialize, Bootstrap, Material UI, Git Workflow, Test-driven Development, Collaborative Programming

Projects

DeviantArt (Python, Flask, SQLAlchemy, Javascript, React & Redux, CSS3, AWS, Postgresql)

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

Capstone project that is meant to be a one for one clone of the website [DeviantArt](#).

- Developed using a Flask backend and a React/Redux frontend, allowing users to easily perform post creation, editing, deletion, and liking.
- Utilized the versatility of SQLAlchemy to engineer a dynamic search feature that would allow users to query based on post title, username, and tags.
- Deployed the application using Docker, allowing for a solid working foundation and easy redeployment.

Bazaar (Python, Flask, SQLAlchemy, Javascript, React & Redux, CSS3, AWS, Postgresql)

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

Team project cloning the website [Etsy](#)

- Collaborated with a team of like minded and talented engineers we utilized git-branch workflow to ensure the longevity of the website. Allowing us to branch-test new features or revert to a stable branch in case of emergency.
- Implemented the ability to view listings that are sorted by different categories relying on the flexibility of Python. This allows users to easily search for products based on interest and need.
- Acquired seeder data directly from the Etsy API, reverse-engineering the API response to seamlessly integrate with our own database. Giving users as much realistic data as we could to emphasize the functionality of the website.

Median (JavaScript, Express, Sequelize, Node.js, CSS3, Postgresql)

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

Team project cloning the website [Medium](#)

- Group project utilizing a Javascript & PUG frontend paired with a backend of Sequelize & Express.
- Designed a diverse set of features allowing the users to interact with their and others users stories,

Experience

Technical Lead | February 2018 - June 2020 | Sturtevant, Wisconsin

Racine-Kenosha Builders Association

- Maintained the company's website and periodically updated the content to match current company events and news.
- Advised on new technologies including Microsoft Publisher & Square, that improved workflow and member experience.
- Constructed excel spreadsheets to improve data handling. Resulting in less errors and statistical anomalies.

Daycare Assistant | September 2016 - August 2017 | Nagasaki, Japan

Nagasaki Shiritsu Yokoo Elementary School (長崎市立横尾小学校)

- Supported Japanese staff of non English speakers with the care and enrichment of thirty students.
- Engaged in age-appropriate communication and actions. Respecting the desires of the company as well as the students' guardians.

Intern | May 2016 - September 2016 | Tokyo, Japan

Light Gakudo (ライト学童保育クラブ)

- Displayed excellent time management, self-control, and patience working with one-hundred and fifty children.
- Developed improved problem-solving skills, encountering new and unique issues that are naturally born in this type of work environment.
- Exhibited the active listening skills learning about many students and relating to their personalities and interests in a way that made them comfortable enough to confide and actively seek help.

Education

App Academy | December 2020 - May 2021 | New York, NY

- 1,000+ hour immersive full stack web development program with < 3% acceptance rate.

University of Wisconsin-Parkside | Fall 2014 - Fall 2017 | Kenosha, Wisconsin

- Completed coursework towards a Bachelors of Arts in International Studies

Nagasaki University | September 2016 - August 2017 | Nagasaki, Japan

- Study Abroad | Japanese language & culture