

SHAWN BOYLE

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

JavaScript / Python / React / Redux / Node.js / Flask / Express / SQLAlchemy / HTML5 / CSS3 / PostgreSQL / Docker

PROJECTS

PROGRAMMATIC (React, Flask)

[Live Site](#) | [GitHub](#)

Worked in a group of three to build a developer's education application using React, Redux, Flask-SQLAlchemy, PostgreSQL

- Rendered a visualization of Dijkstra's Algorithm via a weighted graph of nodes with lines representing edges built from a CSS 2D grid, calculating Dijkstra's to traverse the graph, animating the traversal process and shortest path.
- Implemented a comprehensive search filter to match course and lesson names to a search query, displaying both a limited, preliminary dropdown, as well as a full results page upon search.
- Developed a responsive and seamless discussion section for users to read lesson feedback, as well as engage in discussion by creating, editing, or deleting their feedback utilizing React and Redux to manipulate the front-end dynamically and efficiently.

ZOOLODEX (React, Flask)

[Live Site](#) | [GitHub](#)

Educational user-centric platform for wildlife using React, Redux, Flask-SQLAlchemy, PostgreSQL

- Incorporated AWS S3 API to allow user uploads for a user's images to create an interactive application for user input.
- Designed a flipped grid to render user suggestions in a consistent, alternating display of user input by utilizing React and pure CSS to provide a visually appealing user experience.
- Programmed a responsive navigation bar to adjust visibility conditionally when the Y coordinate scroll amount of the window object surpasses my page image headers.

CRESCENDO (React, Express)

[Live Site](#) | [GitHub](#)

A spotify clone prioritizing music organization using React, Redux, Express, PostgreSQL

- Created a fluent library system for a user's musical interests with React by conditionally rendering filtered results for a page of artists, albums, or playlists.
- Programmed a search algorithm to filter artists, songs, albums by name from a search query, along with clickable genres to find all artists or songs for the selected genre.

GOODGAMEZ (JavaScript, Pug, Express)

[Live Site](#) | [GitHub](#)

Worked in a group of 4 to develop a GoodReads clone for video games utilizing JavaScript, Pug, Node, Express, Sequelize, PostgreSQL

- Dynamically rendered game reviews through API fetch calls to the database with vanilla Javascript to immediately display user reviews upon posting, to serve a responsive user experience.

EXPERIENCE

L1 Technical Support Engineer

Instructure

May 2020 - Dec 2020

- Assisted students, teachers, and admins over the phone or live chat to resolve technical issues on the Canvas platform, by navigating a thorough troubleshooting process centralized around known bugs and common issues.
- Utilized several Canvas technologies and extensions to parse student activity data in JSON, replicate existing bugged environments for testing and debugging, and assist in implementing external API's into our system for a teacher's utilization.
- Communicated with my team weekly to discuss goals and milestones, utilizing coworker discussion and manager feedback to consistently maximize performance.

EDUCATION

App Academy - Rigorous 1000-hour software development course with <3% acceptance rate | Fall 2021

- Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, pair programming, design patterns, and web development best practices.