NATHAN BALDWIN
Full-Stack Software Engineer

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LANGUAGES: Python, JavaScript, Rust, HTML5, CSS3, SQL

TOOLS AND FRAMEWORKS: React, PostgreSQL, SQLite, SQLAlchemy, Sequelize, Node, Redux, Flask, Jinja, Kanban, Linux, Ubuntu, Render, Git, Docker, AWS S3, Google API, REST, Webhooks

PROJECTS

DevQuest | Python, JavaScript, Flask, SQLAlchemy, React, Redux, AWS S3, HTML5, CSS3 | 2022 - 2023   **Live Site** | **Github**
A full-stack, single-page game app emulating classic turn-based role playing games.

- Designed and developed DevQuest utilizing React and Redux as a front-end game engine, allowing dynamic changes to user inputs that affect game behavior across multiple game menus and game states.
- Engineered an efficient Flask/SQLAlchemy backend to front-load game assets prior to user login, improving user experience during gameplay and reducing overall server traffic.1
- Implemented a front-end admin portal with full CRUD (create, read, update, delete) linked with AWS S3 for efficient ongoing management of game assets.
- Crafted a cohesive "cybernetic" theme using CSS3 and custom game art produced by AI image generator Midjourney.

Rignite | Python, JavaScript, Flask, SQLAlchemy, WTForms, React, Redux, AWS, HTML5, CSS3 | 2022 - 2023   **Live Site** | **Github**
A full-stack eCommerce store inspired by Drop.com, selling artsy and thematic gear for computer enthusiasts.

- Led a database overhaul for the product and order features, allowing for more efficient querying of product and order histories.
- Spearheaded the product feature, including full create, read, and update functionality, as well as a unique solution to the delete function enabling user-friendly, front-end maintenance of records for sold-out or inactive products.
- Managed my team's shared Github project, coordinated team tasks for feature branches, oversaw feature branch merges, and reviewed team code to resolve merge conflicts.

Club Pilates Unbounce Suite | JavaScript, HTML5, CSS3, Unbounce, Webhook, Google API | 2021-2022
A suite of landing pages for capturing new online leads for a fitness studio franchise.

- Developed a suite of Unbounce landing pages to capture new online leads, increasing lead conversion from 27% to 41%.
- Innovated a Webhook to link landing page form submissions with Club Pilates's lead management API, allowing users full CRUD of their own profiles.
- Linked landing pages with Google's Youtube API to display warm and engaging videos of Club activity directly on landing pages.

EDUCATION

App Academy | 2022-2023 | Full-Stack Engineer
- Completed a comprehensive software engineering program.
- Built three full-stack web applications using Express/React and Flask/React frameworks.
- Received mentorship from experienced software developers.

University of Chicago | 2005 - 2009 | BS, Biology. BA, English.

EXPERIENCE

Club Pilates | Regional Developer | 2016 – 2022

Bloom Investment Group | Founder and CEO | 2012 - 2016