

SKILLS

JavaScript, Express, Node.js, React, Redux, Python, Flask, SQL, PostgreSQL, Sequelize, SQLAlchemy, Git, Docker, Mocha, Chai, Pug, Jinja, HTML5, CSS3

PROJECTS

PERSISTAMP – Productivity and habit-tracking application [Live Site](#) | [GitHub](#)
Team Member | *JavaScript, Python, React, Redux, Flask, SQLAlchemy*

- Processed habit-tracking data using Recharts and heatmap APIs to dynamically render live graphs, heatmap grids, and detailed statistics to promote an intuitive visual experience for user analysis
- Implemented React's useReducer and useContext hooks in a seamless combination to persist user preferences and data across components while maintaining a consistent, fast user experience
- Manufactured a private/public toggle and refactored the application router to grant non-users access to habit details associated with a URL with authorization provided by the habit's owner

CARDME – Flashcard application [Live Site](#) | [GitHub](#)
Solo Project | *JavaScript, Python, React, Redux, Flask, SQLAlchemy*

- Built a React multiple-choice quiz feature that dynamically generates randomized questions and answers to prevent quiz format memorization and promote deep understanding of any given material
- Integrated a filterable search feature that uses SQLAlchemy queries to the PostgreSQL database and returns matching users, subjects, sets, and cards
- Designed CSS card-flipping animations that reveals or hides the answer by directly clicking a card for an intuitive user experience that feels analogous to using the physical equivalent

MEDIUM – Medium clone, a blog-posting application [Live Site](#) | [GitHub](#)
Team Member | *JavaScript, Express, Node.js, Pug, HTML, Sequelize*

- Constructed an end-to-end 'clapping (liking)' feature by developing creation and deletion API routes to enable users to 'clap' content from other users within one icon toggle using event listeners for conditional DOM manipulation
- Established user and story form-handling function to render and display appropriate error messages to the user
- Incorporated JSON Web Tokens within session cookies to maintain application security and user authentication while persisting user data

BREAKEVEN – Expense tracking application [Live Site](#) | [GitHub](#)
Solo Project | *JavaScript, Express, Node.js, React, Redux, Sequelize*

- Utilized a self-referencing join table using Sequelize and a PostgreSQL database to engineer a friendship system
- Responsible for the design of a cost-splitting algorithm to create and resolve expenses while tracking each member separately to ensure the security and privacy of financial data
- Structured React components using Redux architecture to streamline data flow and produce reliable DOM rendering

EDUCATION & TRAINING

APP ACADEMY | Remote
Jul 2020 - Jan 2021
Computer Science, Software Development / Engineering & Programming course

UNIV. OF MICHIGAN | Ann Arbor, MI
Sep 2015 - Apr 2020
Bachelor of Arts – Psychology
(James B. Angell Scholar & University Honors)

WORK EXPERIENCE

BELLY DELI INC. | Ann Arbor, MI
Nov 2017 - Mar 2020
Manager

- Cut hundreds of dollars in monthly costs by analyzing and preparing daily inventory shipments and financial deposits
- Cultivated a synergistic environment by promoting active communication with employer, employees, and clients
- Streamlined teams of 3-4 members to boost productivity, resulting in higher rates of customer satisfaction and 10-15% growth in sales each year

MIWORKSPACE IT SERVICES |
Ann Arbor, MI
Mar 2015 - Feb 2016
Depot Technician

- Improved IT services by installing and supporting MiWorkspace software onto university-owned computing devices
- Optimized local office efficiency by organizing MiWorkspace hardware inventory