

KATHARINE ARBURN

FULL STACK SOFTWARE ENGINEER

katharine.arburn@gmail.com | 479-263-7688 • [LinkedIn](#) • [Github](#) • Bella Vista, AR

TECHNICAL SKILLS • JavaScript • Python • Flask • React • Redux • Express • Sequelize • Docker • SQLAlchemy • Postgres • HTML • CSS

RELEVANT SKILLS • Cross-team Collaboration • Test Driven Development • Customer Service • Beta Testing

PROJECTS

NEIGHBORHOOD BRICK SWAP | [Github](#) | [Live](#)

Node.js • Express • Sequelize • React • Redux

- Developed application specific database design utilizing subject based tables and primary keys to related tables to enable reliable queries and logical routes.
- Produced complete backend framework utilizing Node and Express(JS) to effectively manage routes while balancing flexibility, scalability, and cross-platform functionality.
- Enhanced UI with the use of modals, reactive error messaging on forms, and responsive buttons to create an intuitive user experience, increase user engagement and accessibility of the overall application.

HATER | [Github](#) | [Live](#)

Python • Flask • SQLAlchemy • React • Redux

- Organized feature development with Git feature branches to work in parallel with a team of 3 software engineers to simultaneously build a full stack application in a two week time frame.
- Constructed database using Postgres to store and manage application data and prevent deployment discrepancies between local application and Render.
- Established application programming interface (API) employing Python, Flask and RESTful routes allowing users to retrieve data in real time and contribute to the database by creating, editing and deleting data.

PICK-A-PLACE | [Github](#) | [Live](#)

Node.js • Express • Sequelize • React • Redux

- Designed embedded parent and child React components to allow for modular UI elements and reusable form components to increase efficiency and organization.
- Implemented custom user authentication utilizing BCrypt Hashing Function on the backend and React Auth Routes on the frontend to prevent storage of plain text passwords and restrict access to user specific data and features.
- Delivered responsive, organized and aesthetic User Interface (UI) with HTML, CSS and wireframes to benefit user experience and usability of application.

EXPERIENCE

SENIOR CARE COORDINATOR • Wellthy • Remote

08/2020 – Present

- Assisted with platform development through beta testing of new features and migrating to a new database environment, and making platform feature requests and suggestions while sharing feedback from a care team perspective to increase service team efficiency and Care Circle satisfaction.
- Demonstrated deep understanding of Wellthy values and mission through responsiveness to Care Circles and co-workers as evidenced by high Net Promoter Score and my promotion to Senior Care Coordinator during the 2023 annual review cycle.
- Showcased flexibility and ability to quickly adapt to changes during organization wide structure changes and combining of Care Coordinator and Care Advisor teams.

PROGRAM ELIGIBILITY SPECIALIST • Arkansas Department of Human Services

- Maintained at least 95% accuracy on all case work through attention to detail and strong organization skills.
- Communicated effectively with customers and outside agencies via phone, email and written notices.

EDUCATION

APP ACADEMY • Full Stack Web Development

Completed 03/2024

UNIVERSITY of CENTRAL ARKANSAS • Master of Science in School Counseling • Conway, AR

2017