

Dezarea Bryan

U.S. Citizen | Atlanta, GA | dezareabryan@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Education

Southern New Hampshire University | M.S. in IT (Software Application Development)
DigitalCrafts - Full-Stack Software Development Program
Oglethorpe University | B.A.

October 2024 - Expected May 2027
June 2022 - Atlanta, GA (Remote)
Fall 2021 - Atlanta, GA

Skills

Proficient: Debugging, Git, Bash, HTML, CSS, Vanilla JavaScript, React, SQL, PostgreSQL, Node.js, Express

Competent: Webdriver.io, Jest, Sequelize, Subversion (SVN)

Beginner: jQuery, Tailwind, GraphQL, TypeScript, Sass, Mocha, Chai, Redux, Python, PHP

Recent Projects

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

- Developed Lockbox Password Manager as the solo Full-Stack Developer, creating a secure platform for users to store and manage their passwords efficiently.
- Employed a tech stack that included Node.js, Express.js, PostgreSQL, bcrypt, cors, and jsonwebtoken (JWT) for robust server-side architecture, ensuring secure data management and user authentication.
- Implemented React, React Router, Tailwind, Bootstrap, React Icons, and Vite for the client-side, focusing on delivering a user-friendly interface and seamless navigation experience.
- Implemented secure authentication, encrypted password storage, and real-time data synchronization to enhance usability and security.
- Applied best practices in front-end design, authentication, back-end development, state management, and database design.

City of Refuge | [GitHub](#) | [Deployed Server](#)

- Organized and led a team of 12 for the City of Refuge hackathon, employing Agile methodologies to streamline the event's operations and maximize productivity.
- Ensured the high-quality and secure functioning of the data by meticulously overseeing the deployment of the server, guaranteeing its seamless operation and robust performance without any setbacks.
- Addressed team inquiries, provided comprehensive debugging support, and assigned specific tasks to team members, ensuring a cohesive and efficient workflow throughout the hackathon.

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

- Developed a modern recreation of the classic board game Battleship, offering users an engaging and challenging gameplay experience through a user-friendly interface.
- Incorporated user registration and login functionalities, allowing users to save their progress and track their game history within the application.
- Built the application using React, Redux, and Axios on the client-side, with support from Node.js, Express, and PostgreSQL on the server-side.
- Implemented secure user authentication using Passport.js and jwt-simple to ensure protected access for users.

Professional Experience

Focus School Software | JavaScript Engineer

January 2024 - January 2026

- Developed and maintained automated test scripts using primarily JavaScript and WebDriver to ensure software quality and reduce regression defects across web and mobile platforms.
- Designed and implemented data-driven testing frameworks and dynamic data tables to optimize testing efficiency and accuracy in educational technology environments.
- Created new page classes and automated test scripts for both existing and new features within the software, expanding automated test coverage for new and existing features.

DigitalCrafts | Teaching Assistant

August 2022 - January 2024

- Facilitated student learning by guiding them through daily coding challenges utilizing a diverse tech stack, including HTML, CSS, Bootstrap, Flexbox, vanilla JavaScript, React, Python, SQL, Sequelize, PostgreSQL, Node.js, Express, Redux, and various deployment technologies.
- Actively debugged code, explained solutions, and addressed inquiries in multiple programming languages, both within and beyond the standard curriculum.
- Provided personalized assistance to enhance comprehension of course material for individual students.

Interactive Search Marketing | Analysis & Facilitation

February 2015 - January 2019

- Oversaw the technical functionality and online marketing strategies for all client websites in the position of Data Analysis and Facilitation.
- Conducted thorough technical data analysis and managed on-site technical SEO and social media marketing as the primary focus of responsibilities.
- Utilized WP-Engine to ensure optimal performance and deliver a seamless user experience across all client websites.