

Brianna Obando

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[| LinkedIn](#) | [| GitHub](#) | [Portfolio url](#)

FullStack Software Engineer

A full-stack engineer with five years as a medical technologist focused on laboratory work and a nine-year background in the healthcare sector. My passion for leveraging technology to enhance patient care and streamline healthcare processes has inspired me to transition into the dynamic world of software engineering.

TECHNICAL & INTERPERSONAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, Mongo, JSON, Typescript, EJS, DTL

Libraries and Frameworks: React, Express.js, Django, JQuery, Bootstrap, Tailwind CSS, GUI

Databases and other: PostgreSQL, MongoDB, RESTful Routing, JSON API, 3M 360 Encompass, Unity

Interpersonal skills: Adaptability, Problem-Solving, Independent and Quick Learner

TECHNICAL PROJECTS

Biomedical Care Center - [GitHub](#) | [App](#) | Python, Django, REST Framework, Bootstrap, SQL, HTML, CSS

An advanced Blood Donation Management System providing a comprehensive solution for blood banks and donation centers.

- Implemented user authentication and authorization for secure access with Django.
- Utilized SQL to establish a robust donor management system, allowing efficient tracking of donor information.
- Integrated a blood inventory system to manage and monitor blood supplies effectively using CRUD operations.

Mastermind - [GitHub](#) | [App](#) | HTML, JavaScript, CSS

Unleash your strategic prowess with this Mastermind game, a JavaScript-coded application that challenges users to crack the code through intuitive design and an immersive user interface.

- Designed and implemented a sleek and user-friendly interface utilizing dynamic HTML and CSS.
- Integrated strategic code-breaking functionality for an engaging and intellectually stimulating challenge.
- Employed vanilla JavaScript to ensure optimal performance and seamless interaction.

Perch Studio - [GitHub](#) | [App](#) - | Javascript, REACT, HTML, CSS, GUI, API

Perch Studio is a dynamic fitness app designed to elevate your workout experience, built using JavaScript and React.

- Maximized React's component-based architecture to enhance code modularity and facilitate future scalability.
- Leveraged React Hooks for state management, enhancing the functionality of functional components.
- Applied external APIs seamlessly, providing real-time data and enhancing the app's content and functionality.

EXPERIENCE

Aureus | Sunbelt Staffing, Contract Medical Technologist

FL, 05/2022-10/2023

- Performed highly complex clinical laboratory testing on biological specimens, using both manual methods and automated analyzers.
- Contributed to the successful point-of-care lab conversion, optimizing operations and elevating diagnostic capabilities for enhanced patient care.
- Completed equipment maintenance, quality control and management activities in accordance with departmental policies.

Piedmont Atlanta Hospital, Medical Technologist II

Atlanta, GA, 04/2019-05/2023

- *EPIC Trainer, HCLL, Beckman Coulter, Abbott, Roche, Sysmex, Siemens, Vision, Unity Cloud-Based Software*
- Coordinate the collaboration of interdepartmental disciplines to improve regulatory compliance according to CAP and CLIA standards.
- Executed and analyzed tests in areas including chemistry, bacteriology, serology, hematology, coagulation and immunohematology.

Wellstar Health System, Medical Technologist II

Atlanta, GA, 08-2021 - 05/2022

- *Utilized Vitros, Sunquest, MediTech, SmartTerm, 3M 360 Encompass- Health Information CDI Platform*
- Engaged actively in the operational support necessary to maintain and optimize testing capabilities.

EDUCATION

General Assembly

Remote, Certificate: 01/2024

Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

Florida International University, Bachelors in Biological Sciences

Miami, FL, Graduated: 07/2018