

MARY BAUTA

📞 786-578-5624 ✉ marybauta5@gmail.com [in linkedin.com/in/mary-bauta-a76753292/](https://www.linkedin.com/in/mary-bauta-a76753292/) github.com/marebae

Education

University of Central Florida

Jan 2024 – Dec 2026

Bachelor of Science in Information Technology GPA: 3.5

Orlando, Florida

Projects

Computer Vision Application | *TensorFlow, Tesseract.js, React, CSS, Javascript*

Oct 2024

- Contributed to front-end development of a mobile application aimed at assisting visually impaired individuals through real-time environmental feedback.
- Built accessible, intuitive UI components with React, focusing on usability for screen readers and voice navigation systems.
- Integrated OCR (Tesseract.js) and object detection models (TensorFlow) to enable text recognition and obstacle alerts.
- Participated in testing and debugging to ensure consistent performance, accessibility, and cross-device compatibility.
- Collaborated with a multidisciplinary team for a hackathon to enhance user experience and ensure practical application in real-world scenarios.

Personal Portfolio Website | *HTML, JavaScript, CSS*

Jan 2025

- Designed and developed a responsive personal portfolio to showcase technical projects and front-end development skills.
- Focused on clean layout, intuitive navigation, and mobile responsiveness using media queries and semantic HTML.
- Deployed via GitHub Pages and implemented Git version control for collaborative enhancements and source management.

Travel Planner Website | *HTML, JavaScript, CSS*

April 2025

- Collaborated with a team to develop a dynamic travel planner site that filters destinations based on duration, budget, and solo/group travel preferences.
- Designed and implemented UI components that guide users through customized destination suggestions.
- Emphasized responsiveness, accessibility, and engaging visual design to ensure wide usability.
- Hosted on GitHub Pages with integrated Git workflows for source control and deployment.

AI QR Code Generator | *React (TypeScript), Tailwind CSS, MongoDB, Express, Node.js, OpenAi API*

April 2025

- Led the design and development of an AI-powered QR code generator inspired by Canva, featuring custom QR styling, image generation, and a collaborative whiteboard drawing tool.
- Designed and implemented the entire front-end using React and Tailwind CSS, including dynamic UI components, custom shape and color selectors, and image preview modules.
- Integrated OpenAI's API to allow users to generate aesthetic images via text prompts, with options to download and embed them in QR codes.
- Implemented user authentication and management with Clerk, ensuring secure and personalized user experiences.
- Collaborated cross-functionally with backend developers, contributing to Express routes for image saving and MongoDB schemas.
- Conducted comprehensive front-end testing to ensure component responsiveness, feature stability, and a seamless user experience across devices.
- Successfully led a multi-member team from concept to launch, delivering a fully functional and visually polished application.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, React,

Developer Tools: VS Code, Eclipse, GCC Compiler

Technologies/Frameworks: GitHub, Git

Languages

- English - Native
- Spanish - Limited