

Joshua Bandy

joshuatylerbandy@gmail.com | 941-565-7701 | Orlando, Florida
github.com/Lobbbey | linkedin.com/in/joshua-tyler-bandy

EDUCATION

Bachelor of Science in Computer Science

University of Central Florida

Aug 2023 - Dec 2025

Orlando, FL

Associate of Arts

State College of Florida

Aug 2020 - May 2023

Bradenton, FL

EXPERIENCE

Best Buy

Shift Lead

Oct 2018 - Jun 2023

Sarasota, FL

- Oversaw and maintained accurate inventory records while efficiently processing high volumes of online orders, ensuring seamless fulfillment and customer satisfaction.
- Coordinated and supervised a logistics team to optimize shipment workflows, reducing delays and meeting strict corporate deadlines while improving overall operational efficiency.
- Provided hands-on training and mentorship to new hires, fostering a knowledgeable and high-performing team capable of delivering excellent customer service and operational results.

Sarasota County Government

Intern

Jan 2021 - Jun 2021

Sarasota, FL

- Designed and implemented complex SQL queries to extract key financial and operational data, enabling decision-makers to gain valuable business insights.
- Optimized legacy SQL queries, reducing processing time and improving database performance to ensure faster and more accurate reporting.
- Utilized Excel for data analysis and project tracking, while generating comprehensive reports in Word to provide stakeholders with up-to-date progress insights and deliverables.

PROJECTS

Contact Manager Web Application

Full Stack Developer and Project Manager

Jan 2025 - Feb 2025

- Engineered a full-stack contact management system using the LAMP stack, handling authentication, user management, and CRUD operations for contacts.
- Developed RESTful APIs in PHP and JavaScript to facilitate seamless client-server communication and data persistence.
- Designed and optimized a secure login system with password hashing (MD5) and session management via cookies.
- Designed and implemented a modal-based contact creation/editing system, improving user experience with intuitive interactions.

Salvage Financial

Full Stack Developer

Feb 2025 - May 2025

- Developed a full-stack MERN web app for income and expense tracking, featuring interactive analytics.
- Built RESTful APIs with Node.js, Express.js, and MongoDB, improving data retrieval efficiency.
- Implemented secure authentication with JWT and bcrypt, enhancing user data protection.
- Deployed the app on a Linux Digital Ocean server with Nginx, optimizing performance and scalability.
- Designed and built a React Native mobile companion app.

Live Cap

Full Stack Developer

April 2025

- Developed a Flutter-based mobile AR interface to render live speech translations as spatially anchored speech bubbles next to faces detected via a YOLOv5 model.
- Built and maintained FastAPI backend with RESTful endpoints to manage audio processing, facial coordinate mapping, and translation workflows.
- Integrated Google Cloud Translation API for asynchronous, multi-language translation of parsed audio transcripts.
- Designed and implemented a persistent data model using JSON serialization to store and retrieve conversation history locally and via API.
- Deployed backend to a hardened Ubuntu Linux server with production-grade configurations to ensure low-latency, concurrent request handling.

SKILLS

Programming Languages Python | Java | JavaScript | HTML | CSS | SQL | PHP | C++ | C | Flutter | Bash
Libraries and Frameworks React | Next.js | Vite | NumPy | Pandas | Pycharm | Flutter | FastAPI
Tools Linux | Windows | Github | Git | GitLab | Vim | Jenkins