

Joshua Bandy

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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

Oct 2018 - Jun 2023

Shift Lead

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

Jan 2021 - Jun 2021

Intern

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

Jan 2025 - Feb 2025

Full Stack Developer & Project Manager

- 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 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

Feb 2025 - May 2025

DevOps Engineer & Full Stack Developer

- Developed and deployed MERN stack web app with CI/CD automation using GitHub Actions and custom YAML configurations.
- Created GitHub Actions workflows using YAML to automate testing, building, and deployment of MERN applications to Linux servers.
- Built RESTful APIs with Node.js, Express.js, and MongoDB, improving data retrieval efficiency.
- Designed and built a companion mobile app using Flutter.

Live Cap

April 2025

DevOps Engineer & Full Stack Developer

- 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.
- Deployed FastAPI backend on hardened Linux servers, automating configuration via YAML scripts and managing service uptime using systemd.

SKILLS

Programming Languages

Python | Java | JavaScript | HTML | CSS | SQL | PHP | C++ | C | Bash

Libraries and Frameworks

React | Next.js | Vite | NumPy | Pandas | Flutter | FastAPI

Tools

Linux | Git | GitHub | GitHub Actions | DigitalOcean | YAML | MongoDB | Docker