

# Joshua Bandy

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## EDUCATION

### Bachelor of Science in Computer Science

University of Central Florida

August 2023 - December 2025

Orlando, FL

### Associate of Arts

State College of Florida

August 2020 - May 2023

Bradenton, FL

## EXPERIENCE

### Best Buy

Shift Lead

October 2018 - June 2023

Sarasota, FL

- Processed online orders with a record completion time 5 minutes faster than company expectations, while maintaining 100% inventory accuracy across 1,000+ SKUs.
- Led a 10-member logistics team to consistently exceed shipment unload targets, improving unload completion time by 20% and streamlining backroom operations.
- Trained and mentored 10+ new team members, implementing on boarding SOPs that reduced ramp-up time and elevated team customer service KPIs. •

### Sarasota County Government

Intern

January 2021 - June 2021

Sarasota, FL

- Wrote and optimized SQL queries to extract and analyze operational and financial data, contributing to performance improvements and actionable reports for stakeholders.
- Organized internal documentation and maintained weekly write-ups detailing project status, deliverables, and completion rates, improving cross-team communication and accountability.
- Assisted with on boarding new interns by walking them through project workflows, documentation systems, and database structures, accelerating their ramp-up and integration into the team.

## PROJECTS

### Contacter

Full Stack Developer & Project Manager

January 2025 - February 2025

- Built a full-stack contact management app using the LAMP stack (Linux, Apache, MySQL, PHP), enabling secure user authentication, CRUD operations, and session management.
- Developed RESTful APIs in PHP and JavaScript for seamless client-server communication and data persistence.
- Implemented secure login with MD5 password hashing and cookie-based session tracking, improving login speed and reducing session handling bugs.
- Designed a modal-based UI for contact creation/editing using JavaScript and CSS, improving usability and reducing form submission errors by 40

### Salvage Financial

DevOps Engineer & Full Stack Developer

February 2025 - May 2025

- Built and deployed a MERN stack financial web app with CI/CD automation using GitHub Actions and custom YAML configurations.
- Automated build, test, and deployment pipelines with GitHub Actions, reducing deployment time by 60%.
- Designed backend REST APIs using Node.js, Express.js, and MongoDB, improving data retrieval speed and app performance.
- Developed a cross-platform mobile companion app using Flutter with 90% feature parity, improving user retention and accessibility.

### Live Cap

DevOps Engineer & Full Stack Developer

April 2025 - April 2025

- Developed an AR-based mobile app using Flutter that renders live speech as spatially anchored captions near faces detected by a YOLOv5 object detection model.
- Built a FastAPI backend with REST endpoints to handle audio parsing, facial coordinate mapping, and multilingual translation workflows.
- Integrated Google Cloud Translation API to support asynchronous translation in over 30 languages.
- Deployed backend on hardened Linux servers, automated provisioning with YAML scripts, and managed uptime using systemd, achieving 99.9% reliability.

## SKILLS

### Programming Languages

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

### Libraries & Frameworks

React | Next.js | Node.js | Express.js | Tailwind CSS | FastAPI | Flutter | FastAPI

### Tools & Platforms

Git | GitHub | GitHub Actions | DigitalOcean | MongoDB | Postman | systemd | Linux | Apache