

Great-Anthony Umukoro

Early-Career DevOps & Cloud Engineer | CI/CD & Automation

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EDUCATION

Morgan State University | B.S. Computer Science, expected December 2026 | GPA: 3.3 | Dean's List

Relevant Coursework: Operating Systems, Computer Networks, Computer Architecture, Data Structures & Algorithms

SUMMARY

Early-career DevOps and cloud engineering candidate completing a B.S. in Computer Science in December 2026. Built a FastAPI deployment-feedback service, containerized applications, and CI/CD workflows; brings operations experience monitoring alerts and troubleshooting robotics workflows at Amazon.

CERTIFICATIONS IN PROGRESS

AWS Certified Solutions Architect - Associate | HashiCorp Certified: Terraform Associate

TECHNICAL SKILLS

Programming: Python, JavaScript, TypeScript, Java, SQL, C++, HTML/CSS

Cloud / DevOps: AWS (SAA study), Terraform (Associate study), Docker, Docker Compose, GitHub Actions, Linux shell (basic), Git

Backend / Data: FastAPI, WebSockets, SQLAlchemy, Pydantic, REST APIs, Alembic, pytest, PostgreSQL, MySQL, SQLite, Redis, pgvector

AI / Frontend: Google Gemini, Google ADK, Vertex AI, OpenAI Responses API, Pinecone, React, Next.js, Vite, Tailwind CSS, Three.js

SELECTED PROJECTS

ADFA - Automated Deployment Feedback Assistant | Python, FastAPI, SQLAlchemy, PostgreSQL, Docker, GitHub Actions

- Built a FastAPI API and dashboard that ingests CI/CD logs, stores deployment history, and classifies failed, timed-out, and permission-denied deployment patterns.
- Implemented REST endpoints and Alembic migrations; containerized the FastAPI/PostgreSQL stack with Docker Compose and added GitHub Actions CI plus pytest coverage for core API behavior.

Kairos - Multi-Agent AI Knowledge Graph (4-person team) | Morgan 2026 Hackathon - First Runner-Up

- Team-built platform uses Gemini to turn research files into an interactive knowledge graph, with agent reasoning, WebSockets, and PostgreSQL/pgvector.

StudyFlow - AI Study Optimization Platform (Team Project) | FastAPI, React, Vite, SQLite, JWT

- Implemented OpenAI-backed recommendations and flashcard generation using saved study materials. Retained rule-based recommendations as the API fallback and served as Product Owner for the team prototype.

Cerebro OSRS - Account-Aware Recommendation Platform | React, TypeScript, FastAPI, PostgreSQL, Redis

- Built an account-aware advisor combining structured game knowledge, OSRS Hiscors sync, and natural-language recommendations; designed a RuneLite companion scaffold for richer account context.

LEADERSHIP & EXPERIENCE

SACS Board Member - Mentorship Coordinator | Morgan State University | Present

- Plan and organize career and technical events for SACS, Morgan State University's Computer Science organization.

Founder & President, DevOps for the Future | Morgan State University | Nov 2024 - Present

- Lead a student organization focused on DevOps, cloud, automation, software delivery, and technical career preparation.

Brink's - Armed Transport Officer | Baltimore, MD | Jun 2021 - Feb 2023

- Executed secure asset transport while following strict safety, operational security, communication, and risk-management protocols.

Amazon - Amnesty Associate | Baltimore, MD | Oct 2016 - Dec 2018

- Monitored alerts in automated robotics operations, troubleshoot issues, and helped restore workflow efficiency in a high-throughput environment.