

EDUCATION:

Bachelor of Science, Information Technology.

Graduation Date: May 2025

Concentration in Cloud Computing.

George Mason University, Fairfax, VA

- **GPA:** 3.4
- **Honors & Awards :** Dean's list, Spring 2022 – Spring 2024
- **Clubs/Groups:** Member - National Society of Black Engineers (NSBE), Events Coordinator – African Students Association Eboard
- **Relevant Coursework** Database Management Systems, Object-Oriented Programming, Networking Fundamentals, Cloud Computing (Azure & Aws) , Project Management (Agile, Kanban SDLC) , Cybersecurity Principles , Information Security, REST API Development

PROFESSIONAL EXPERIENCE

Facilitator, Experiential Learnings, The EDGE - GMU, March 2024 – Present

- Fostered open communication and collaboration within diverse groups, typically 10- 12 participants, promoting learning, trust, teamwork.
- Adapted program elements to individual and group needs, driving innovation and improving group dynamics.

Web3 Security Data Analytics Externship – Extern /Webacy/ | Summer 2024.

- Conducted Smart Contract Vulnerability Analysis, identifying and mitigating critical risks.
- Automated data analysis workflows in Python, delivering actionable insights to enhance blockchain security.
- Enhanced intrusion detection protocols using hierarchical clustering and frequency analysis.

Events Coordinator , African Students Association – GMU , August 2024 – Present

- Organized and coordinated a variety of campus events, managing both small-scale events (up to 30 attendees) and large-scale events (up to 200 attendees).
- Led entrepreneurial initiatives, including fundraisers for causes such as breast cancer awareness and diabetes, generating profits for both causes.
- Built streamlined processes for budgeting and resource allocation, leveraging Excel tables and charts

BACKEND DEVELOPMENT PROJECTS:

Backend API Development with Node.js , JavaScript | Summer 24

- Designed and implemented RESTful APIs in Node.js, managing CRUD operations and ensuring secure endpoints.
- Focused on clean architecture principles to optimize code maintainability and performance.
- Collaborated on building a scalable API ecosystem, utilizing relational databases for efficient data management.

Microservices Architecture and Event-Driven Systems

- Developed and deployed distributed microservices using Node.js and RESTful APIs.
- Integrated event-driven communication using message queues to improve reliability and scalability.
- Used containerization tools like Docker for consistent deployment across environments.

AWS-Based Infrastructure Projects

- Designed and deployed AWS cloud infrastructure using Infrastructure as Code (IaC) with AWS CloudFormation.
- Configured and managed services like EC2, S3, Lambda, RDS, and DynamoDB for backend functionality.
- Implemented robust CI/CD pipelines to automate deployments and optimize workflows.

SKILLS, INTERESTS & CERTIFICATIONS:

- **Programming Languages:** Python, JavaScript, Node.js, C++, SQL
- **Frameworks:** ASP.NET Core, Clean Architecture
- **Tools:** Git, Postman, MySQL, Docker
- **Cloud Technologies:** AWS (EC2, S3, Lambda, RDS, DynamoDB), Azure
- **Infrastructure as Code (IaC):** AWS CloudFormation, AWS CDK
- **Other Skills:** API Design, Data Modeling, Scalability Patterns, Asynchronous Programming
- **Operating Systems:** Linux, Unix, Windows
- **Certifications:** Azure Fundamentals (In Progress), Oracle Cloud AI Foundations

ADDITIONAL INFORMATION:

- Attended Amazon AWS University Event: Ben Tech Prep for Success
- Attended Cisco AI summit 2025