

Yao Blaise Eyrar ADABIOKOU

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PROFILE

Cloud-focused IT student with hands-on experience designing and deploying AWS-based solutions. AWS Certified Solutions Architect – Associate with a strong foundation in cloud architecture, networking, and serverless systems. I am passionate about building scalable, secure, and cost-effective solutions and transitioning into a Cloud or DevOps engineering role.

EDUCATION

George Mason University (GMU) – Fairfax, Virginia

Bachelor of Science, Information Technology

GPA: 3.09

Expected May 2027

Northern Virginia Community College (NOVA) – Annandale, Virginia

Associate of Science, Information Technology

GPA: 3.18

May 2025

CERTIFICATIONS

AWS Certified Solution Architect – Associate

04/01/2026 – 04/01/2029

AWS Certified Cloud Practitioner - Foundational

05/2025 – 05/2029

Google Cybersecurity by Google

05/2025

TECHNICAL SKILLS

Cloud & DevOps

- **AWS:** EC2, S3, VPC, IAM, CloudWatch, Athena, DynamoDB, Lambda
- **Networking:** Public/Private Subnets, NAT Gateway, IGW, Security Groups
- **DevOps Tools:** Git, GitHub Actions (CI/CD), Docker (basic)
- **Infrastructure as Code:** Terraform (learning / in progress)

Programming

- Python (Basic), SQL

Operating Systems

- Linux

PROJECTS

Serverless AI Chatbot (AWS Bedrock Integration)

March 2026

<https://github.com/rlyblaze/gum-aws-cc-serverless>

AWS Lambda, API Gateway, Amazon Bedrock, IAM, Amplify

- Designed and deployed a fully serverless AI chatbot using AWS Lambda, API Gateway, and Amazon Bedrock for real-time inference
- Configured REST API endpoints with API Gateway to securely route user requests to backend Lambda functions
- Applied least privilege access control by scoping IAM roles to AmazonBedrockLimitedAccess, improving security posture
- Troubleshoot and resolved multiple Bedrock invocation errors using Amazon CloudWatch Logs, reducing system failures during testing
- Deployed frontend using AWS Amplify to provide a live, accessible user interface

Global Cloud Health Dashboard (Serverless Monitoring System)

February 10, 2026

<http://cloud-dashboard-frontend.s3-website-us-east-1.amazonaws.com/>

Amazon (S3, Athena, IAM), SQL, JavaScript, HTML

- Built a serverless data pipeline using Amazon S3 and Athena and S3 to process ~2M infrastructure records
- Built SQL-based analytics to compute KPIs (CPU, memory, anomalies) for real-time system health monitoring
- Generated structured JSON outputs for frontend consumption, simulating production monitoring systems
- Deployed a static dashboard on S3 with CORS-enabled API-style data access
- Focused on scalability, cost optimization, and minimal infrastructure management

AWS Cloud Networking Lab (High-Availability VPC Design)

January 2026

- Designed a VPC architecture with public and private subnets across multiple availability zones
- Configured Internet Gateway and NAT Gateway for secure inbound/outbound traffic flow

- Implemented bastion host access to securely connect to private EC2 instances
- Applied security groups and routing policies to enforce least-privilege network access

EXPERIENCE

Professional Security Officer – Security Team Lead

Allied Universal – Chantilly, Virginia

April 2024 – Present

- Led a team of 5 officers, improving coordination and operational efficiency
- Managed access control systems ensuring compliance with security protocols
- Trained new personnel and supported incident response and reporting

Languages: English (Fluent), French (Native)