

ADEOGO OLAJIDE

Austin, Texas (Open to relocation) | 5128146927 | adeogoolajide77@gmail.com | [linkedin.com/in/adeogo-olajide](https://www.linkedin.com/in/adeogo-olajide) | [Projects](#)

EDUCATION

Virginia State University (VSU)

Master of Science in Computer Science (ABET) | GPA: 4.0/4.0

Petersburg, Virginia

December 2023

Virginia State University (VSU)

Bachelor of Science in Manufacturing Engineering (ABET) | GPA: 3.9/4.0

Petersburg, Virginia

December 2019

CERTIFICATIONS

- AWS Certified Solutions Architect - Professional
- AWS Certified Security - Specialty
- AWS Certified Developer - Associate
- AWS Certified SysOps Administrator - Associate
- AWS Certified Machine Learning Engineer - Associate
- AWS Certified AI Practitioner
- Lean Six Sigma Yellow Belt
- Data Analytics Certified Professional - SSGI

WORK EXPERIENCE

Amazon Web Services (AWS)

Solutions Architect

Austin, Texas

January 2024 - Present

- Built Direct Connect private connectivity solution reducing inter-agency query latency by 65% and **enabling \$85K incremental revenue** from 5 additional law enforcement agencies through AWS Transit Gateway and Network Firewall implementations.
- Implemented Amazon Bedrock multi-agent AI platform decreasing intake research and content development time by 2 days, **unlocking \$150K expansion budget** through automated document processing and RAG-enabled policy lookup workflows.
- Designed GCP-to-AWS migration strategy for real-time alerting platform **securing \$1M annual AWS commitment** through service mapping, regional failover patterns, and risk-managed rollback procedures validated by executive leadership.
- Deployed Amazon EKS microservices platform that **reduced case research from 8 hours to 2.4 hours** per case while enforcing PII controls and audit logs for child welfare agencies through Bedrock integration patterns.
- Optimized Aurora database performance and **reduced infrastructure costs by \$180K annually** through instance tuning, ElastiCache integration, and autoscaling recalibration while meeting 15-minute recovery targets for state tax systems.
- Integrated API Gateway with Lambda authorizers establishing secure data sharing for 7 state agencies achieving **99.99% availability** and **reducing integration timeline by 3 months** through standardized patterns and managed services.

Amazon Web Services (AWS)

Solutions Architect Intern

Arlington, Virginia

May 2023 - August 2023

- Delivered **first validated prototype for space-based computer vision** by designing a satellite ML inference solution using AWS IoT Greengrass and SageMaker enabling on-orbit object detection with YOLO models, and informing future AWS aerospace roadmap.
- Automated containerized ML model deployment eliminating configuration drift and environment inconsistencies through Docker build pipelines, reducing satellite edge deployment effort while maintaining model validation standards.
- Facilitated cross-functional alignment between aerospace engineers and ML teams through technical documentation and design reviews, standardizing satellite telemetry processing workflows and establishing reusable cloud-to-edge architecture patterns.

PwC

Data & Analytics Consultant

Lagos, Nigeria

March 2021 - August 2021

- Migrated Azure Data Warehouse using T-SQL scripts and SSIS packages to convert 12 fragmented sources into star schema, **reducing report inconsistencies from 40% to ~15% in one quarter**, across 8 business units.
- Translated business requirements into technical specifications for fact and dimension tables, collaborating with data engineers to validate transformation logic and ensure ETL pipeline accuracy before production deployment.
- Created migration documentation including data flows and validation procedures, **reducing onboarding time by 4.5 days** and enabling knowledge transfer between consulting teams and client technical staff.

PUBLICATIONS

- [Oluyemo, D., Ojelade, I., Olajide, A., Olanrewaju, A., Gray, J. \(Sep 30, 2025\). Accelerating AWS Infrastructure Deployment: A Practical Guide to Console-to-Code. AWS DevOps & Developer Productivity Blog.](#)
- [Gray, J., Muya, J., Olajide, A., Olanrewaju, A., Oluyemo, D. \(Apr 11, 2025\). Simplifying Code Documentation with Amazon Q Developer. AWS DevOps & Developer Productivity Blog.](#)
- [Gauntt, S., Singh, S., Olajide, A. \(Aug 15, 2025\). How Voyatek's child support solution Thrive implements granular control of container deployments. AWS Public Sector Blog.](#)

SKILLS

AWS IoT Greengrass | Amazon SageMaker | AWS IAM | VPC | Azure Synapse | Azure Data Pipelines | Python | SQL | R | Excel | Tableau | Power BI | Google Analytics | Minitab | Star-Schema Modeling | ETL | YOLO | Deep Learning | Machine Learning | Docker | TypeScript | Bash | SwiftUI | iOS Development | Adobe XD | NX Siemens | Creo | CNC Machine | Arena | SDLC | DMAIC | Lean | Space Systems Engineering (Nova Space)