**KYMANI DAWSON**

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**CAREER PROFILE:**

Provide experienced leadership in developing the architecture of highly scalable, highly available, Cloud (IaaS, PaaS, SaaS) detailed blueprints and platform requirements.

A self-motivated professional with an active security clearance that is pursuing AWS opportunities.

Technical strengths:

*• Cloud migration and deployment in multi-cloud environment • Programming Languages*

*• Serverless architecture • Containers*

*• Cloud security*

**EDUCATION:**

Delaware State University, Dover, DE  **Graduation Date: May 2019**

**Bachelor of Science: Animal & Poultry Science**

**EDUCATIONAL EXPERIENCE: Winter 2022**

TNGS Learning Solutions

**AWS Solutions Architect Course**

**CERTIFICATIONS:**

**AWS Certified Solutions Architect – Associate Expires March 2025**

Amazon Web Services (AWS)

*Credential ID 0YXP692JG14EQWKH*

**WORK EXPERIENCE**

**Capital One August 2019 – Current**

***Consultant - AWS Solution Architect***

* Design a microservices based system architecture for deployment on AWS, architect for scalability and resilience
* Create, update network ACLs, through aws command line interface
* Proficient in AWS services like VPC, EC2, S3, ELB, Autoscaling Groups, EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail.
* Created topics in SNS to send notifications to subscribers as per the requirement.
* Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
* Created S3 buckets in the AWS environment to store files required to serve static content for a web application.
* With the help of IAM created roles, users and groups and attached policies to provide minimum access to the resources.
* Manage recovery and failover plan for all environments.
* Support services before they go live through activities such as system design consulting, capacity planning and launch reviews
* Scale systems through mechanisms like automation, evolve systems by pushing for changes that improve reliability and velocity
* Architect and improve the application CI/CD pipeline for promoting software into higher environments through validation and operational excellence and guide the team in DevOps automation and best practices.
* Support deployments of code into multiple lower environments
* Knowledge in designing and architecting systems using modern Cloud based platforms (GCP, AWS, etc.) and middleware technologies like KAFKA pub/sub.

**Carilion Clinic March 2016 – August 2019**

***Consultant - AWS Solution Architect***

* Educate enterprise customers on the value proposition of AWS, and participate in deep architectural discussions to ensure solutions are designed for successful deployment in the cloud
* Develop a technical team responsible for public cloud management and implementation.
* Provide recommendations to the cloud assessment tool.
* Provide direction on how workloads should be architected using the R Factor.
* Develop and manage a DevSecOps program in collaboration with Information Security
* Architect, design and develop forward-looking optimized, performant, scalable and secure solutions
* Drive high quality, scalable, and testable automations
* Provide RPA knowledge and leadership within the organization
* Configured AWS CLI and performed necessary actions on the AWS services using shell scripting.
* Maintained edge location to cache data with CDN using Cloud Front to deliver data with less latency.
* Experienced in S3 Versioning and lifecycle policies to and backup files and archive files in Glacier
* Configured Elastic Load Balancers with EC2 Auto Scaling groups

**Verizon Wireless February 2014 – March 2016**

***Consultant - AWS Solution Architect***

* Build/Change the architectural design of the platform in order to add/improve features
* Write down detailed tech specifications for the new and existing features for the backend and frontend teams
* Received internal AWS training in transitioning to cloud base resources.
* Integrated Amazon Cloud Watch with Amazon EC2 instances for monitoring the log files and track metrics.
* Created AWS S3 buckets, performed folder management in each bucket, managed cloud trail logs and objects within each bucket.
* Control the quality of code delivered by the backend team through regular code reviews
* Support tech infrastructure (AWS) through Terraform and CloudFormation sets of configurations (DevOps)
* Build bridges and network in the enterprise and crypto space, both internally and externally, providing updates on major developments and initiatives