**Ken Onwuzurumba**

Atlanta Georgia

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**PROFESSIONAL SUMMARY**

AWS Cloud Solutions Architect/Cloud Professional with over 3 years of experience working as a Cloud Solutions architect for several customers. Implemented upgradable, secured, highly available, scalable Architecture on AWS cloud solutions.

**SKILLS**

PostgreSQL, Linux, MySQL, SQL server, NOSQL/DynamoDB. Jenkins, Terraform, AWS Inspector, AWS Secret Manage, Docker Containers, Amazon Web Services (EC2, EBS, S3, IAM, AMI, Lambda, VPC, VPC Peering, Transit Gateway, NACL, Security Groups, Route53, Auto Scaling, ELB, SNS, CloudWatch, CloudFront, RDS, Aurora, DynamoDB, SQS, CloudFormation etc.)

**Certifications**

**AWS Solutions Architect Associates**

**WORK HISTORY**

**Workforce Services (Cloud Engineer) 10/2021 - Present**

• Design, maintain and monitor clouds based infrastructure using infrastructure as code services like terraform and CloudFormation.

• Monitored resources and applications using AWS cloud Watch including creating alarms to monitor metrics such as EBS, EC2, ELB, RDS, S3, SNS and configured notifications for the alarms generated based on events defined.

• Highly skilled in deployment, data security and troubleshooting of the applications using AWS services.

• Actively involved in designing and implementing unique disaster recovery solutions on AWS.

• Hands-on Experience in configuration of Network architecture on AWS with VPC, Subnets, Internet gateway, NAT, Route table, internet gateways.

• Involved in maintaining the reliability, availability, and performance of Amazon Elastic Compute Cloud (Amazon EC2) instances.

• In depth Knowledge of AWS cloud service like Compute, Network, Storage and Identity & access management.

• Experienced with event-driven AWS Lambda functions to trigger various AWS resources.

• Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.

• Conducted systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as Amazon Web Services (AWS).

• Migrated applications from legacy infrastructure to Kubernetes clusters

• Contributed for bug fixes, automating existing functionalities and testing.

**TheHCI Group (Cloud Engineer)** **10/2019 – 08/2021**

• Responsible for architecting, designing, implementing and supporting of cloud-based infrastructure and its solutions.

• Configured multi-account architecture, identity and access management,

• governance, data security, network design, and logging within provisioned AWS.

• Involved in automating Amazon EBS snapshot management using Amazon Data Lifecycle Manager.

• Involved in maintaining the reliability, availability, and performance of Amazon Elastic Compute Cloud (Amazon EC2) instances.

• As a last line of defense against a compromised account, I ensured all IAM users have multi-factor authentication activated for their individual accounts, and limited the number of IAM users with administrative privileges

• Built S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on AWS.

• Included security groups, network ACLs, Internet Gateways, and Elastic IPs to ensure a safe area for organization in AWS public cloud.

• Conducted systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as Amazon Web Services (AWS).

• Configuration of auto scaling and elastic load balancer for scaling services, configuration of SNS to send notifications and Cloud Watch to collect logs and metrics.

**Educational Qualifications**

**AWS Solutions Architect Associate Certified**

**University of Maryland Global Campus**

MSc Cybersecurity Technology

**Nnamdi Azikiwe University, Nigeria.**

Computer Science