**Jackson M Obiagwu**

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**SUMMARY**

* AWS Solution Architect with several years of experience who is cognitive about designing, deploying, and operating highly available, scalable and fault tolerant systems using Amazon Web Services.
* Highly skilled in deployment, data security and troubleshooting of the applications using AWS services.
* Experience in developing technology solutions, including but not limited to: operations/engineering, networking engineering, infrastructure/database architecture, and/or applications development.
* Well accomplished and solutions-oriented IT Professional with broad based knowledge in Systems Design and Development, implementing and integrating cost-effective, high performance technical solutions and cloud implementations to meet challenging business needs.
* Possess high working qualities with good interpersonal skills, high motivation, fast learner, good team player and very proactive in problem solving to provide best solutions.
* Experienced in implementing Organization DevOps strategy in various operating environments of Linux and windows servers along with cloud strategies of Amazon Web Services.

# EDUCATION

University of Nigeria: Bachelor’s degree in Geology

KD College Dallas: Associate in Motion Picture Promotion

AWS Solutions Architect Associate (SAA)

# EMPLOYMENT

**Hewett Packard (HP)  
Consultant – AWS Solution Architect**

**February 2019 – Present Spring, TX**

* Define non-functional requirements (security requirements, scheduling, disaster recovery etc.) and assist with the implementation.
* Created AWS S3 buckets, performed folder management in each bucket, managed cloud trail logs and objects within each bucket.
* Support client teams with overall architecture deployment using existing supported platforms or our cloud hosted services as appropriate
* Created Highly Available Environments using Auto-Scaling, Load Balancers, and SQS.
* Actively engages in product and business discussions with a technical eye for feasibility and adherence/defining overall roadmaps and architectural strategy.
* Develop full stack AWS Cloud solutions and continuous delivery frameworks that improve the ability of the client's IT delivery teams to efficiently deliver solutions with quality.
* Configure Elastic Load Balancers with EC2 Auto Scaling groups
* Serve as the control point for all development and integration of services in the organization providing expertise in Lambda, Python and JSON

**USAA  
Consultant – AWS Solution Architect**

**July 2016 – February 2019 Plano, TX**

* Create, update network ACLs, through aws command line interface
* Lead and coordinate responses to internal security audits, patching and audit requests, providing professional leadership to technical staff across multiple business units.
* Manage recovery and failover plan for all environments.
* Support application builds and configuration management activities
* Setup WAF in font of web applications for security and vulnerabilities.
* Make informed decisions about customers’ infrastructure and understanding the impact of design decisions.
* Implement enterprise-wide scalable and high-availability operations on one or more cloud providers: AWS, Azure, or GCP.
* Create S3 buckets in the AWS environment to store files required to serve static content for a web application.
* Maintain the monitoring and alerting of production and corporate servers using Cloud Watch service.
* Experienced in creating RDS instances to serve data through servers for responding to requests.
* Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances.

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**Capital One  
Consultant – AWS Solution Architect**

**September 2012 – July 2016 Plano, TX**

* Configured private and public FQDN for Dev, QA, Prod EC2, instances and Load balancers by creating respective records in internal DNS server and using Route53 for public internet hostname.
* Utilized AWS CLI to automate backups of ephemeral data-stores to S3 buckets and EBS.
* Configured and maintained the monitoring and alerting of production and corporate servers/storage using Cloud Watch.
* Migrated applications from internal on premises data center to AWS.
* Maintained edge location to cache data with CDN using Cloud Front to deliver data with less latency.
* Managed the technology infrastructure or individuals delegated to manage said infrastructure, typically used by an ISO 20000-1 and 27001 certified/registered organization (e.g., Service Desk Platform, Office 365, SIEM, Firewall, IDS, End Point Protection
* Created topics in SNS to send notifications to subscribers as per the requirement.
* Provisioned of AWS managed elastic search instance to ingest application container logs
* Supported strategic planning related to the technology infrastructure
* Designed Java API to connect the Amazon S3 service to store and retrieve the media files.
* Implemented Amazon RDS multi-AZ for automatic failover and high availability at the database tier.
* Supported client initiatives in AWS, including cloud-native solutions, adopting hybrid approaches, or migration of on-premises solutions to the cloud.
* Designed and implemented authentication, authorization, auditing, reporting, and API infrastructure solutions for cloud.
* Enabled Continuous Delivery through Deployment into several environments of Test, QA, Stress and Production using Jenkins.
* Created a hosted zone with primary and secondary record set for failover routing policy using Route53

**TECHNICAL SKILLS**

* **AWS Services:** EC2, S3, ELB, Auto scaling Groups, Glacier, EBS, Elastic Beanstalk, Cloud Formation/Terraform, Cloud Front, RDS, Redshift, VPC, Direct Connect, Route 53, Cloud Watch, Cloud Trail, OpsWorks, IAM, Dynamo DB, SNS, SQS, ElastiCache, RedShift, EMR, Lambda.Sparkx
* **Servers:** Apache Tomcat, WebLogic, WebSphere, JBoss, Nginx, IIS
* **Web Technologies:** HTML5, CSS3, Twitter Bootstrap, Media Queries, XML, JS/JQuery
* **Database Software:** Oracle, MySQL, SQLServer, MongoDB, DynamoDB
* **Methodologies:** Oracle AIM, SDLC, Waterfall, Agile, DevOps
* **Operating Programming:** JSON, YAML, html, C, C++, Core JAVA, Python, Perl, Ruby, MATLAB, SQL/PLSQL
* **Systems:** MS Windows, UNIX/LINUX, Ubuntu.