**Gabriella Tchombe**

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*Plano, Texas 75024*

**SUMMARY**

#### Highly 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.

* Cognitive about designing, deploying, and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS).
* Highly skilled in deployment, data security and troubleshooting of the applications using AWS services.
* Experienced in implementing Organization DevOps strategy in various operating environments of Linux and windows servers along with cloud strategies of Amazon Web Services.
* 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.

#### **Certifications**

* SAFe Scrum Master
* Lean Six Sigma Green Belt
* Professional Scrum Master I (PSM I)
* AWS Certified Solutions Architect - Associate

#### **PROFESSIONAL EXPERIENCE**

**BBVA Bank Dallas, TX**

**Contractor – AWS Solutions Architect 01/2018 – Present**

* Create, update network ACLs, through aws command line interface
* Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups (ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail.
* Manage recovery and failover plan for all environments.
* Setup WAF in font of web applications for security and vulnerabilities.
* Migrate application and database to AWS using 6Rs strategy for migrating to AWS.
* Check health and performance of containers running inside nodes of EKS cluster using elasticsearch cluster.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Created S3 buckets in the AWS environment to store files required to serve static content for a web application.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.
* Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
* Maintained 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

**Nestle USA Laurel, MD**

**Contractor – AWS Solutions Architect 11/2015 – 01/2018**

* Create schemas, tables, and stored procs for batch uploads in SQL Server.
* Created interactive and dynamic reports and dashboards based on requirement from client
* Build and modeled physical, business and presentation layers in the rpd.
* Import and created snow flake schemas in rpd to create high performance reports and dashboards
* 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.
* Created Highly Available Environments using Auto-Scaling, Load Balancers, and SQS.
* Configured Elastic Load Balancers with EC2 Auto Scaling groups
* Experienced in S3 Versioning and lifecycle policies to and backup files and archive files in Glacier
* Experienced in Performance Tuning and Query Optimization in AWS Redshift.
* Ability to design application on AWS taking advantage of Disaster recovery.
* Configured AWS Identity Access Management (IAM) Group and users for improved login authentication.

**Siemens PLM Software Plano, TX**

**Contractor – AWS Solutions Architect 12/2013 – 11/2015**

* 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.
* Installed and configured Nginex with SSL certificate and FQDN in dev, QA and Prod.
* Migrated applications from internal data center to AWS.
* Maintained edge location to cache data with CDN using Cloud Front to deliver data with less latency.
* Scaled distributed in-memory cache environment in the cloud using Elastic cache.

**Epiroc Drilling Solutions Garland, TX**

**Project Engineer/ AWS Solutions Architect 02/2012 – 12/2013**

* Created topics in SNS to send notifications to subscribers as per the requirement.
* Provision of AWS managed elasticsearch instance to ingest application container logs
* Worked on the databases of the Amazon RDS and carried out functionalities for creating instances as per the requirements.
* 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.
* Configured AWS CLI and performed necessary actions on the AWS services using shell scripting.
* Implemented CloudTrail in order to capture the events related to API calls made to AWS infrastructure.
* Defined all server types in Ansible, so that a newly built server could be up and ready for production within 30 minutes OS installation.
* 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

**Education**

* **BSc Industrial and Manufacturing Systems engineering** 
  + University of Texas at Arlington
* **MBA - Project Management**
  + University of Louisiana at Lafayette

#### **TECHNICAL SKILLS PROFILE:**

* **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
* **Web Technologies:** HTML5, CSS3, Twitter Bootstrap, Media Queries, XML, JS/JQuery
* **Programming:** JSON, YAML, html, C, C++, Core JAVA, Python, Perl, Ruby, MATLAB, SQL/PLSQL
* **Database Software:** Oracle, MySQL, SQLServer, MongoDB, DynamoDB
* **Servers:** Apache Tomcat, WebLogic, WebSphere, JBoss, Nginx, IIS
* **Methodologies:** Oracle AIM, SDLC, Waterfall, Agile, DevOps
* **Operating Systems:** MS Windows, UNIX/LINUX, Ubuntu.