**Francine Baheneka**

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#### **SUMMARY**

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**

* AWS Certified Solution Architect – Associate.
* Certification in Business Communication.
* Office Application Skills in Business Technology.

#### **PROFESSIONAL EXPERIENCE**

#### **Tngs Learning Solutions**

#### **Student – AWS Solution Architect February 2021 - Present**

* 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 accounts AWS environments.
* Proficient in developing AWS Network infrastructure for a multi-tier application workload requirement to AWS environment.
* Migrate application and database to AWS using 6Rs strategy for migrating to AWS.
* Check health and performance of applications running within the EC2 dashboard using CloudWatch Service.
* 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 Elastic Beanstalk for deploying and scaling web applications and services developed with different programming languages.
* 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.

#### **Self-Study and Project profiling (Edureka)**

#### **Student – AWS Practitioner/Solution Architect December 2019 – February 2021**

* Studied AWS practitioner Course with intense hands on for services in AWS like, VPC, CloudFormation, EC2, load balancers, Auto Scaling groups, RDS, S3, EFS, EBS and more.
* Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances.
* Built a self-monitor web Server serving through a FQDN configured using Route53.
* Designing and building CloudFormation Stack to deploy new resources in AWS.
* Created a fault tolerance cluster utilizing Application load balancer and auto scaling group.
* Deploying and configuring VPC, Subnet, IGW, NAT, and route tables.
* Setup WAF in font of web applications for security and vulnerabilities.
* Configured AWS Identity Access Management (IAM) Group and users for improved login authentication.
* Ability to design application on AWS taking advantage of Disaster recovery.
* Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.

**Education**

* Associate Degree in Science, Business Office Technology, Electronic Health Records and Billing.

#### **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 DB, SNS, SQS, ElastiCache, RedShift, EMR, Lambda.
* **Web Technologies:** HTML5, CSS3, Twitter Bootstrap, Media Queries, XML, JS/JQuery
* **Programming:** JSON, YAML
* **Database Software:** Oracle, MySQL, SQLServer, MongoDB, DynamoDB
* **Servers:** Apache Tomcat, WebLogic, WebSphere, JBoss, Nginx, IIS
* **Methodologies:** SDLC, Waterfall, Agile, DevOps
* **Operating Systems:** MS Windows, UNIX/LINUX, Ubuntu.