**Henry Obiefule**

**Phone: (443) 570 – 1669 Email:** [**henryobiefule@gmail.com**](mailto:example@gmail.com)

*Houston, TX 77084*



#### **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.
* 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

#### **PROFESSIONAL EXPERIENCE**

#### **Capital One Houston, TX**

#### **Contractor – AWS Solutions Architect September 2015 - Present**

* 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.
* Meet with stake holders to discuss business requirement during initial phase of project implementation.

#### **Expedia Seattle, WA**

#### **Consultant – AWS Solutions Architect April 2014 – September 2015**

* Create, update network ACLs, through aws command line interface
* Proficient in AWS services like VPC, EC2, S3, ELB, Autoscaling Groups (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.

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**Booz Allen Hamilton Washington, DC**

**Consultant – AWS Solutions Architect June 2012 - April 2014**

* 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.

**State of MD Office of HealthCare Baltimore, MD**

**Consultant - AWS Solutions Architect March 2011 - June 2012**

* 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.
* Created a hosted zone with primary and secondary record set for failover routing policy using Route53

**Education**

Bachelor of Science in Computer at Morgan State University

#### **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, 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.