**SAMUEL HUSITODE**

**Brandywine MD, 20613**

**Ivana@edgeall.com**

**609-248-9687**

**USC**

**EDUCATION**

**Bachelor of Science**

Morgan State University, Baltimore, Maryland

Major: Information Systems

2014

Citizenship

* US Citizen

Clearance

* Public Trust
* Secret -Interim

*Certification*

* AWS Certified Solutions Architect- Professional
* Aws Certified Devops Engineer - Professional
* AWS Certified Developer- Associate
* AWS Certified Security – Specialty
* AWS Certified Solutions Architect- Associate
* Oracle Database 12C Administrator Certified- Associate

| *Tools & Utilities:* | **AWS** – IAM, EC2, VPC, S3, Route53, CloudFront, RDS, SQS, SWF, SNS, Kinesis, Redshift, DynamoDB, Neptune, Aurora, CloudWatch, AWS CLI, Storage gateway, Direct connect,  VPN connect, ELB.  **Oracle** – Oracle 11g, 12c Database, 12c, RMAN, Data Pump (expdp/impdp), AWR, ADDM, Oracle Flashback, SQL Tuning Advisor, DBMS Procedures, Explain Plan, SQL\*PLUS, SQL Developer, SQL\*Loader, (OEM), SQLT report, Oracle Enterprise Manager 11g/12c,13c,  **Tools** – TOAD, PuTTY, SSH, crontab, VMware, VirtualBox |
| --- | --- |

***Professional Skills***

* **Linux Systems Administration**
* **AWS Administration**
* **RDS and Big data Administration**
* **Devops and automation**
* **Container and microservices** (ECS,EKS)
* **Domain Management with Route 53**

**Highly skilled Cloud Solutions Architect and Database Administrator** with 9 years of experience designing and implementing value added business solutions. An initiative-taking, experienced leader with an insatiable hunger for knowledge, attention to detail, and innovation. An analytical thinker, excellent written and interpersonal communication skills, with a passion for building highly-available, scalable applications. Experience supporting a variety of Production environments – the largest of which includes over 300+ terabytes of storage, multiple Oracle Database Appliances, Exadata machines running Oracle Enterprise Linux 6.x, Oracle Superclusters running Solaris 11, Supporting several live lab environments including hybrid-cloud configurations, on-premise to cloud replication, and in-house applications.

**EXPERIENCE**

**VSOLVIT**

**Aws Architect/Devops Brandywine MD**

**February 2023 -Present**

* Infrastructure provisioning using cloud formation and terraforming.
* Ec2, Load Balancer, and Auto scaling group creation for high availability and fault tolerant.
* Relational database service(RDS) creation and support.
* Redshift cluster/Serverless provisioning and administration.
* Managing and creating Microservices applications using docker on Elastic container service (ECS), Elastic Kubernetes service, Standalone Kubernetes, Openshift
* Using Helm Chart for Kubernetes packages
* Configuring CICD with github Actions, Azure devops, and ArgoCD
* Managing and creating decoupling and distributed application with Simple Queue Service(SQS) and Simple Notification Service(SNS)
* Configuring Big Data solution with Managed Kafka Services(MSK), Kinesis stream, kinesis firehose, and kinesis data analytics with s3 data lake.
* Building and baking AMIs with aws Image builder and Packer
* Launching and adding aws products and services to Service catalog.
* VPC architecture and design
* Security design using IAM User, Group, Role and other AWS security tools.
* Firewall design using NACLs and Security group
* Configuration management with Aws OpsWorks and Ansible
* Continuous integration with Jenkins, Electric Flow, Concource, and Aws Developer tools
* Encryption using Aws key management service (KMS)
* Application migration in Java, Dotnet, Python and Node Js.
* Implementing transit gateway for networking connectivity hub.
* Creating a content delivery application using CloudFront.
* Domain registration and management with Route 53.
* Version and source control management with Aws S3 bucket, Aws CodeCommit, git, github, Gitlab, And Team foundation Server.
* Secret management with AWS Systems Manager Parameter Store and secret manager.
* Aws resources monitoring using Cloudwatch.
* Aws API activities monitoring using Cloudtrail
* Aws developer tools like AWS Codecommit, AWS CodeBuild, AWS CodeDeploy, AWS Codepipeline, Jenkins, and AWS CodeStar.
* General troubleshooting - AWS.

**Cognizant**

**Aws Architect/Devops Brandywine MD**

**June 2019 -February 2023**

* Infrastructure provisioning using cloud formation and terraform.
* Ec2, Load Balancer, and Auto scaling group creation for high availability and fault tolerant.
* Relational database service(RDS) creation and support.
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* Managing and creating Microservices applications using docker on Elastic container service (ECS), Elastic Kubernetes service, Standalone Kubernetes
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**Oracle Corporation**

## **AWS SOLUTIONS ARCHITECT/Devops Orlando, FL March, 2016 – April 2019**

Hired to design, implement, and continue support of a hybrid-cloud environment from on-premise to AWS. Supported applications and environment from DBA and Solution Architect perspectives. Also recruited to train internal customers on administration and best practices of both AWS core services, and Oracle Database administration. Increased organization ROI by cost-effective sizing of instances, resource allocation, and maximizing availability of environment while minimizing resource footprint.

* Built infrastructure from the ground up to suit application needs.
* Utilized CloudFormation to create templates of infrastructure for versioning, change control, and easy re-deployment of entire environments.
* Managed cloud infrastructure security using IAM roles for AWS, least privilege security practices, password policies, groups, individual users, and configuring multi-factor authentication for privileged users.
* Implemented lifecycle, versioning policies in S3 for all S3 objects.
* Created EFS (Elastic File System) for shared storage between EC2 instances over NFS protocol.
* Built and configured Application ELB (Elastic Load Balancers) to reduce costs and enable efficient content distribution based on application requests.
* Networking and security configuration and troubleshooting (managing security groups, network access control lists, subnets, etc.)
* Used Auto Scaling in conjunction with appropriate CloudWatch metrics and health checks to create true elasticity and scalability.
* Configured Route53 to register public domain names and route traffic to CloudFront distributions and ELBs.
* ECS production and pre-production support.
* Using and supporting Aws X-ray for Application monitoring
* Configuration management with OpsWorks.
* Infrastructure cost optimization using Aws trusted advisor and cloudability.
* Aws Cloud watch for logging and monitoring
* Continuous integration with Jenkins and Aws CodePipeline
* Infrastructure provisioning with Cloud Formation.
* Version and source control management with Aws S3, Aws CodeCommit, git and github

**MKIT Inc.**

January 2010 – March 2016 **Oracle Database Administrator** Bowie, MD

Administered a 400GB production environment with a two-node Real Application Cluster hosting Oracle 11Gr2 (11.2.0.3) on Red Hat Linux (RHEL 5) operating system with Tomcat/Weblogic servers as the application servers.  Administering a 70GB development database environment on single instance servers hosting 11Gr2 (11.2.0.3) database on RedHat Linux (RHEL 5) operating systems. Administering a 100GB QA environment with single instance Oracle database servers on 11Gr2 (11.2.0.3) on Red Hat Linux (RHEL 5) operating system.  Additional responsibilities

* Extending On-premise network into aws cloud using Aws storage gateway, direct connect, and VPN connection.
* Provided Oracle database administrative support to various user groups (application developers, data managers etc) in AWS cloud
* Created and maintained Oracle database objects (schemas, tables, indexes in Standard and enterprise edition)
* Analyzed and tuned voluminous SQL code
* Created, implemented, and managed custom Oracle databases on Linux and windows platforms.
* Performed capacity planning in terms of memory and disk usage, establishing benchmarks for business and technical performance
* Performed backup and recovery tasks on Oracle database using RMAN and cold back -ups using shell scripts
* Using RMAN to restore and  recover control and data files respectively
* Performed a flashback and point in time recovery
* Scheduling backups using the crontab utility
* Supported system administration groups with maintaining oracle database servers and in pre-production, test, training, and development environments
* Tuned database objects to run smoothly by analyzing query paths (creating explain path tables) and using efficient indexing.
* Control and monitor user access to the database using roles, and profile
* 24 hr on call rotation
* Migrated data using the data pump export (expdp) and import (impdp)
* Registering databases and listeners to OEM Cloud Control 12C.

May 2008 – Dec 2009 **TxPoint Consulting LLC.** Largo Maryland

* IT support clerk
* Troubleshoot and resolve hardware, software, and connectivity problems.
* Helped with setting up appointments for clients
* Responsible for answering questions asked by customers on the phone.