**Afolabi M. Kareem**

**Phone: 240-452-1996**

**Email:** kareemafolabi06@gmail.com

**PROFESSIONAL SUMMARY**

AWS-Certified Architect with 8+ years of experience in IT, driving information management strategy. Strategized, designed, and deployed innovative and complete security architecture for cloud data protection in the Healthcare, Marketing, Financial and Banking domain. Leveraging on practical understanding of Amazon Web Services global infrastructure and service migrations to assist in deploying in the cloud. I am also knowledgeable as an SQL Database Administrator with a wide breadth of software installation and maintenance knowledge. Expert communicator of complex technological concepts to professional and non-professional audiences. Leader of independent workshops in computer software design and implementation in the broader professional community.

**CORE COMPETENCIES**

* Excellent organizational skills and proven experience engaging with cross-functional and cross-regional virtual teams
* Strong verbal and written communications skills and the ability to work effectively across internal and external organizations
* Skills in self-paced learning and experience in applying new knowledge
* AWS Solutions Architect with proven skills around large cloud-based application/database solutions design, build and deployment
* Excellent interpersonal, and communication skills - oral, written and presentation
* Experience administering Linux systems. Strong working knowledge their underlying components, system statistics, performance tuning
* Data science background and experience manipulating/transforming data, model selection, model training, cross-validation and deployment at scale
* Strong proficiency in RDBMS, performance tuning, optimization, backup and recovery in SQL Server 2008/2008R2, SQL Server 2012 and SQL Server 2014.
* methodologies (SCRUM).
* Good understanding of build and deployment of JAVA/J2EE applications in Jboss, Tomcat & WebLogic servers.
* Expert in Build & Deployment automation using various scripting languages such as Shell, Perl, Ruby.
* Automation of Reports generation in Excel and PDF using Perl scripting.
* Expert in Building JAVA / C++ Applications writing Shell, Perl scripts on UNIX.
* Expert in Installation, configuration of Jenkins, SVN, GIT on Unix Platforms.
* Experience working with Amazon Web Services (EC2/AWS) - Web consoles, APIs, and Security Groups.
* Technical knowledge in AWS – CloudFront, Elastic Load Balancer, VPC, Elastic IP’s, RDS and S3.
* Experience in automating, configuring and deploying instances in the areas of Data Centre Operations, Systems Administration, Cloud computing, Software Configuration Management (SCM).
* Authentication systems
* System, platform, and account migrations
* Data and cloud security
* AWS cloud infrastructure
* Virtual environment design and implementation
* Expert in setting up maintenance plans, creating jobs and database mail.
* Solid experience on High availability (Always-On) SQL Server solutions, including Replication Models (Snapshot/Transactional).
* Experience in Disaster Recovery Planning, Execution and Testing at remote site.
* Experience in using SQL Server Tools like Import/Export wizard, SQL Server Enterprise Manager, SQL Profiler and SQL Query Analyzer
* Expert in ETL Tools (S.S.I.S., B.C.P., Import and Export Wizard).
* Expert in SSRS (SQL Server Reporting Services).
* Excellent knowledge of database installation and configuration principles
* High experience in database architecture and program design
* Good communication and interpersonal skills

**PROFESSIONAL EXPERIENCE**

**AWS ARCHITECT**

**MYDLA GROUP**

**BLADENSBURG, MD March 2017 – Present**

* Experience of compute and storage management and cost control mechanisms**.**
* Engaging with C-level executives to define and execute on Enterprise cloud strategies**.**
* methodologies (SCRUM).
* Good understanding of build and deployment of JAVA/J2EE applications in Jboss, Tomcat & WebLogic servers.
* Expert in Build & Deployment automation using various scripting languages such as Shell, Perl, Ruby.
* Automation of Reports generation in Excel and PDF using Perl scripting.
* Expert in Building JAVA / C++ Applications writing Shell, Perl scripts on UNIX.
* Expert in Installation, configuration of Jenkins, SVN, GIT on Unix Platforms.
* Experience working with Amazon Web Services (EC2/AWS) - Web consoles, APIs, and Security Groups.
* Technical knowledge in AWS – CloudFront, Elastic Load Balancer, VPC, Elastic IP’s, RDS and S3.
* Experience in automating, configuring and deploying instances in the areas of Data Centre Operations, Systems Administration, Cloud computing, Software Configuration Management (SCM).
* Assisting customers architect solutions on AWS leveraging cloud best practices**.**
* Soliciting feedback from Enterprise customers and influencing future iterations of the AWS platform**.**
* Assist with cost/benefit modeling and creating compelling business cases/total cost of ownership studies for migration**.**
* Assist in defining migration roadmaps to AWS and driving buy-in across complex organizational structures**.**
* Maintain and support Javelin production IT systems including servers, network components and applications and virtualized environments and database architecture**.**
* Manage software development to include overall application design for cloud-based architecture and production release; manage project reporting and scheduling to support product roadmap timelines.
* Demonstrated experience of design and implementation of micro-services architecture and RESTful web services.
* Experience in developing dynamic interactive web application user interfaces using advanced JavaScript frameworks and JSON supported technologies.
* Experience of utilizing progressive design patterns that make use of server less technologies, dynamic scaling, event models, cost optimizations and platform services.
* Experience of lift and shift of an existing on-premises application to AWS.
* Experience of designing with appropriate AWS services like API Gateway/Lambda and Elastic Beanstalk.
* Experience with AWS databases (RDS, Aurora and PostgreSQL).
* Experience in migration of document storage to AWS S3.
* Experience of network integration and Cloud connectivity of public and private environments; Ingress and egress of data to and from AWS.
* Configuring and deploying micro-services and instances for example AMI's, EC2, ECS, Auto-scaling, S3, Security groups using Cloud-formation.
* Used Terraform in building infrastructure to host web/applications and RDS infrastructure.
* Providing expertise to client's early adoption strategy such as end user training, evangelizing cloud solutions, bringing understanding, experience and best practice in the AWS cloud ecosystem.

**DATABASE ADMINISTRATOR**

**JP MORGAN CHASE**

**COLUMBUS OHIO September 2016 – February 2017**

* Conducted SQL Server production database analysis on a regular basis.
* Performed troubleshooting for LAN problems for individual client basic software.
* Provided customer assistance and support pertaining to database system queries and complaints.
* Installed administered and updated SQL database tools and systems.
* Extensive experience on both SQL Server Administration and T-SQL Application Development.
* Used SQL Indexes for improving query performance, lower storage and maintenance cost.
* Experience in optimization tools such as SQL Profiler, Dynamic Management Views (DMVs) and Windows Performance Monitor for monitoring and tuning MS SQL Server performance.
* Conducted SQL Server production database analysis on a regular basis.
* Performed troubleshooting for LAN problems for individual client basic software.
* Provided customer assistance and support pertaining to database system queries and complaints.
* Installed administered and updated SQL database tools and systems.
* Microsoft SQL Server DBA with 4+ years of experience in design, Development and Administration using MSSQL Server 2008, 2012 database environments.
* Extensive experience on both SQL Server Administration and T-SQL Application Development.
* Used SQL Indexes for improving query performance, lower storage and maintenance cost.
* Experience in optimization tools such as SQL Profiler, Dynamic Management Views (DMVs) and Windows Performance Monitor for monitoring and tuning MS SQL Server performance.
* Hands-on working experience in installing, configuring, upgrading, and managing SQL Server 2008/2012 and upgrading Service Packs for multiple instances.
* Good experience in user management for DBs, maintaining of databases, and providing SQL.
* Hands-on working experience in installing, configuring, upgrading, and managing SQL Server 2008/2012 and upgrading Service Packs for multiple instances.
* Good experience in user management for DBs, maintaining of databases, and providing SQL.
* Server Security by assigning logins, server and database roles and server permissions.
* Participated in Disaster prevention and Recovery Strategies and supported High availability features like Snapshot Replication, Clustering (Active/Passive) and Database Mirroring.

**DATABASE ADMINISTRATOR**

**JOHNSON & JOHNSON HEALTHCARE SYSTEM**

**NEW BRUNSWICK, NJ MARCH 2014 – AUGUST 2016**

* Experience involved in using tools like SQL profiler for Monitoring and Tuning MS SQL Server.
* Proficient in developing business application logic using SQL Stored Procedures.
* Created and maintained SQL objects like Tables, Constraints, User defined Functions, Indexes
* Views, Stored Procedures and SQL scripts, T-SQL queries for developer applications.
* Involved in automation of administrative tasks like creating jobs, schedules, alerts using SQL
* Server agent and monitoring and troubleshooting jobs, event notifications using Database Mail.
* Server Security by assigning logins, server and database roles and server permissions.
* availability features like Snapshot Replication, Clustering (Active/Passive) and Database Mirroring.
* Experience in Log Shipping from Primary to Standby servers and SQL maintenance plans.
* Experience involved in using tools like SQL profiler for Monitoring and Tuning MS SQL Server.
* Proficient in developing business application logic using SQL Stored Procedures.
* Created and maintained SQL objects like Tables, Constraints, User defined Functions, Indexes
* Views, Stored Procedures and SQL scripts, T-SQL queries for developer applications.
* Involved in automation of administrative tasks like creating jobs, schedules, alerts using SQL
* Server agent and monitoring and troubleshooting jobs, event notifications using Database Mail.
* Developed Tabular Reports, Matrix Report, and Charts using SSRS and deployed to Report Server.
* Extraction, Transformation and Loading (ETL Tools) data using DTS/SSIS Import/export utility.
* Developed Tabular Reports, Matrix Report, and Charts using SSRS and deployed to Report Server.
* Extraction, Transformation and Loading (ETL Tools) data using DTS/SSIS Import/export utility.

**DATABASE ADMINSTRATOR**

**WELLS FARGO**

**WASHIONTON DC JANUARY 2011 – FEBRUARY 2014**

* Perform database administration duties in a fast-paced, mission critical production environment to include patching, performance tuning, monitoring, data extracts and RMAN backups
* Deploy Microsoft SQL Server databases and scripts in a Windows environment
* Operate a comprehensive backup and recovery plan using a combination of tools, scripts, and best practices
* Develop and review SQL for optimization changes
* Diagnose and rectify database issues
* Explore and implement new database options such as Dynamo DB, Mongo DB, and AWS Relational Database Service (RDS)
* Perform analysis of new database development suggestions, including table, view, stored procedures, and queries
* Support production environment during off-hours and weekends
* Progress the automation of building application systems using Continuous Delivery technologies, such as Ansible and Cloud Formation

**EDUCATION**

**University of Ibadan, Nigeria**

**Master of Science, Biochemistry**

**Federal University of Technology, Akure Nigeria**

**Bachelor of Technology, Biochemistry**

**CERTIFICATION**

**AWS – Certified Developer Associate**

**AWS - Certified Cloud Practitioner**