MS SQL DATABASE ADMINISTRATOR
LUCY MILLER-FAKPOR

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Professional Summary

Highly analytical and results-driven IT professional with over 6 years of working experience in SQL Server Database Administration. Proven success in installation, configuring and deployment of SQL Server and solutions including Migration, setting up High Availability and Disaster Recovery, Always On Availability Groups, Replication, Performance Tuning, Monitoring Databases and Maintenance.

Skills

SQL Server Installation and Configuration. T-SQL scripting. Performance Monitoring, Optimization and Troubleshooting. Deployment of Jobs and Packages. SSIS. ETL. Migration. HADR. Database Security. Communication. Documentation Database Maintenance. Azure Services.

Experience

APRIL 2022 - PRESENT
SK Motors Houston, Texas – *SQL Server Database Administrator*

- Install, configure and support SQL Server Databases, Azure Managed Instances and Virtual Machines.
- Set up and configure Database maintenance tasks for optimization of database performance.
- Monitor resource consumption for capacity planning. Scale up and scale down resources.
- Assess and migrate databases to Azure using DMA tool, Azure Migrate, replication, Azure data box and 3rd party tools.
- Maintain database security and consistency both on-prem and in azure by running validation checks, database consistency checks and DMVs to proactively identify and resolve potential database issues.
- Develop the implementation process for TDE on all databases using Certificates from 3rd party tools.
- Enable TDE and train other DBAs on the implementation following the implementation document designed.
- Set up dynamic data masking and always encrypted to secure databases.
- Migrate SQL databases from on-prem to Azure, configure Geo-replication, auto failover groups for HADR.
- Provision and managed databases in Elastic pool, Azure SQL VM and Managed instances.
- Provisioning high availability, disaster recovery and scalability for databases and resources in Azure.

- Automate processes to reduce workflow by creating maintenance plans to rebuild, reorganize and update statistics, backup and cleanup tasks in both environments.
- Use GitHub and pipelines to deploy resources in Azure.
- Use PowerShell and Azure CLI to automate deployment of resources in Azure.
- Involved in data center migration projects from on-prem to the cloud.
- Provide 24 hours database and application support in Azure and on-prem.
- Follow change management process in deploying changes in both test, Dev, QA and PROD environment
- Monitor Azure ComosDB databases resources utilization and costs
- Interact with clients, application team and project managers to design, implement and support solutions to meet client needs. Using my problem solving skills to resolve backend and end-to-end user complaints.
- Monitor key performance indicators (KPI) to enhance SQL server performance and Query Optimization techniques
- Review T-SQL programming and edit scripts/queries.

APRIL 2019- APRIL 2022
Health Choice Clinic, Houston, Texas – *MS SQL/Azure Database Administrator*

- Install and configure Microsoft SQL Server following best practices. Work with the infrastructures team in implementing DR solutions for VMs. Capacity planning and resources utilization of SQL Servers and databases.
- Implement data security using SQL Server inbuilt features, Always Encrypted, Transparent Data Encryption TDE, and Dynamic Data Masking (DDM) to secure sensitive data.
- Manage TDE encryption keys and certificates.
- Provide database security by creating and managing login and users following the principle of least privilege.
- Ensure security by creating groups in active directory and granting instance/ database level permissions following company change management and approval process.
- Provide guidance and expertise for database Performance Tuning, Performance Baselining and Query Optimization using both SQL Server inbuilt and third-party tools (Query Store, Extended Event, SQL server Profiler, SQL Server tuning Advisor.
- Use T-SQL to create / update tables, stored procedures, views, indexes, user-defined functions, and triggers in accordance with SQL Server Environments.
- Completed tasks prior to deadline involving SQL installation and automation, setting up Azure SQL Databases, managing instances and SQL Azure VMs with site recovery, and backup to ensure optimal performance and disaster recovery of databases.
- Work with terraform and PowerShell to automate processes.
- Work with DB Architect to create database designs that meet the company's business goals.
- Migrate databases to Azure SQL using Database Migration Service, Replication, backup and restore
- Install and configure Microsoft SQL Server 2008 through 2022 following best practices.

- Upgrade SQL server from SQL server 2008 to 2022 using both in-place and side-by-side upgrade.
- Provide DBA support and technical expertise for multiple applications in development, test, QA and production environments and interacting with clients, application team and project managers to design, implement and support solutions to meet client needs.
- Set up and manage Disaster recovery and high Availability solution (Always-On Availability Groups (AG), log shipping and database mirroring, traditional failover clustering, replication).
- Upgrade and migrate databases from SQL Server 2008 using in place and side-by-side migration as well as backup and restore, Detach and Attach.
- Enhancing performance by creating table partition files and filegroups, table compression.
- Creating and managing logins and users following the principle of least privilege.
- Install and configure SQL SERVER integration Services SSIS and Reporting Services

FEBRUARY 2016 - FEBRUARY 2019
Danarok Engineering, Warri – *SQL Server Database Administrator*

- Perform health checks on all SQL server databases and implement Microsoft best practice.
- Ensure appropriate maintenance including database consistency check, index optimized, statistics and backups
- Installations and configuration of new instances of SQL server instances
- Build and configure Windows fail-over clusters for HA solutions
- Set up and managed monitor Always-On availability groups
- Install windows and SQL server patches
- Perform Server decommissioning, programming
- Ensure database safety and Maintain database security (users, logins and encryption)
- Task Automation using SQL server agent
- Administer database backups using both SQL server and third-party tools
- Perform database refreshes
- Upgrade from SQL Server 2008 to SQL 2016 and 2017
- Performance Tuning and query optimization using inbuilt tools and 3rd party tools
- Document database processes
- Interact with developers, application developers and project manager
- Prioritize, monitor and remove impediments to improve team performance

Education
Bachelors of Science in Business Administration – *University of Benin, Benin–City*

Certifications

Azure Fundamentals AZ 900 in view
Azure Database Administration DP 300 in view