**YILMA AHMED**

**MS-SQL Server DBA**

**Phone: 609-236-2859**

**Professional Summary**

* Over 8 years of experience in Microsoft SQL Server DBA, and Information Technologies (IT).
* Experienced in Installation and Configuration of different versions and editions of SQL Server including SQL Server 2012, 2014, 2016, 2017, and 2019 and editions including Standard, developer, and enterprise.
* Expertise in Database Administration on Production Servers and server configuration with outstanding troubleshooting capabilities.
* Monitoring and analyzing database performance using built-in tools (SQL Server Profiler, Extended Events, Database Engine Tuning Advisor) and third-party solutions (Redgate monitor), identifying, and resolving performance bottlenecks, optimizing queries, and suggesting improvements to enhance overall system performance.
* Implement and maintain backup and recovery strategies to ensure data integrity and minimize downtime.
* Develop and execute disaster recovery plans and perform regular backups, including testing and verification of backups.
* Intensively working on ensuring SQL Server security by creating user logins, assigning roles and least-privilege permissions, and certificate-based security authentication.
* Database Maintenance and Optimization that includes applying routine maintenance tasks such as index rebuilds, statistics updates, and database consistency checks.
* Monitor and manage database growth, file size, and space utilization.
* Experience in implementing HADR solutions like Replication, Log shipping, Clustering and Mirroring on physical and virtual machines.
* Having firsthand experience migrating scripts in production environment.
* Intensively worked on troubleshooting database-related issues including blocking, deadlock, connectivity problems performance degradation and data corruption.
* Create and maintain comprehensive documentation, including database schemas, configurations, backup and recovery procedures, and system changes.
* Very experienced working with Microsoft office (word, excel, PowerPoint).
* Well versed with writing dynamic SQL, stored procedures, views, triggers, and functions,
* Having firsthand experience of deploying and managing SSIS and SSRS packages.
* Performs duties in line with any existing and established Standard Operating Procedures (SOP)
* Collaborates with application developers and system administrators and provides support with database-related issues.
* Excellent logical and critical thinking skills and having a get-it-done personality.

**Technical Skills:**

* **SQL** Server Tools: SSMS, SSCM, DETA, SQL Profiler, DBA tools, Azure Data Studio, Command-Line Tools (bcp, sqlcmd), ETL, DTA
* **Window Tools:** Task Manager, Event-Viewer, Control-Panel, PowerShell, and Task- Scheduler
* **HADR** Solutions: Log Shipping, Database Mirroring, Always-On, FCI, AGs, and Replication
* **Server Installation and Configuration:** Server Installation, Configuration Management, Patch Management
* **Database Administration:** Microsoft SQL Server Administration, Database Upgrading and Patching, Database Migration, HADR, Performance Monitoring (SQL profiler, perfmon, DMVs), Implementing security measures (Encryption, AlwaysOn Encryption), Table partitioning, Database Maintenance
* **Cloud Computing:** Azure VM, Azure SQL, Microsoft Azure, Active Directory
* **Scripting and Query Language:** PowerShell Scripting, T-SQL (Transact-SQL)

**Education:**

* Electrical and Computer Engineering at Georgia State University, 2013-2017
* Computer science at Adama Science and Technology University

**Licenses & Certifications:**

* Azure Fundamentals: DP-900
* Microsoft Certified: Azure Fundamentals

**Professional Experience**

**SQL Server DBA**

**Client: State Farm Insurance, GA SEP 2022 - Present**

**Responsibilities**

* Manage SQL Server databases through multiple product lifecycle environments, from development to production.
* Administration of SQL Server 2012/2014/2016/2017/2019 in Standalone and Clustered environments for Production, Test, and Development.
* Configure and maintain database servers and processes, including monitoring of system health and performance to ensure high levels of performance, availability, and security.
* Inspected SQL server error logs for unusual events, SQL server auditing and monitoring.
* Intensively working on ensuring SQL Server security by creating user logins, assigning roles and least-privilege permissions, certificate-based security authentication.
* Rebuilt /reorganized indexes to reduce fragmentation and enhance SQL server performance.
* Intensively worked on troubleshooting database- related issues including blocking, deadlock, connectivity problems performance degradation and data comiption.
* Refine and automate regular processes, track issues and document changes.
* Assist developers with complex query tuning and provide guidance regarding accepted SQL coding practices.
* Monitor performance and ensure system availability, reliability and provide trending information for capacity planning.
* Monitor system alerts to troubleshoot and resolve database related issues.
* Implement and maintain backup and recovery strategies to ensure data integrity and minimize downtime.
* Perform regular performance audits and remediate any potential issues.
* Perform system maintenance and upgrades, including operating system updates, hot fixes, and security configuration changes for Microsoft SQL.
* Make recommendations regarding new equipment, upgrades, and software updates.
* Work within the established change management process to ensure awareness, approval and success of the changes being made.
* Work with vendors and IT personnel to resolve issues and plan future changes.

**Environment: Windows** 2012-2016, SQL Server 2008-2019, SQL Profiler, SSIS, Azur, SSMS, SSRS, SQL Server Cluster

**SQL Server DBA**

**Client: Avis Car Rentals, GA Feb 2019 - Aug 2022**

**Responsibilities**

* Implemented SQL server migration and upgrade from lower version to higher versions
* Design and implement database backups and restore policies.
* Database Troubleshooting and Issue Resolution.
* Mainly use SQL server agent and PowerShell for automation purposes.
* Verifying all SQL server instances are up and running.
* Ensuring the success of all scheduled jobs and maintenance plans.
* Highly involved in Disaster recovery and High availability planning.
* Reviewing and optimizing the most resource-intensive SQL queries, stored procedures, and views by analyzing execution plans.
* Addressing SQL Server and database issues with the ticketing system.
* Periodically monitored Disk spaces to avoid disk space issues.
* Implemented Disaster recovery plan by performing routine backups and restore.
* Hands-on experience monitoring and performance tuning using SQL Server Built in tools including database Tuning Advisor, SQL server Profiler, Activity monitor, Windows performance monitor, DBCC, DMVs, and Stored procedures.
* Collaborate with cross-functional teams, including developers and system administrators.
* Implementing Transparent Data encryption (TDE) and always encrypted.
* Installed and configured various editions and versions of SQL Server in standalone, and clustered nodes.
* Scheduling reports using SSRS to generate daily, weekly, monthly, and quarterly reports.
* Used native tools like SQL Server Profiler, Extended Events, Database Engine Tuning Advisor as well as third-party tools like Redgate SQL Backup and Redgate SQL Monitor.
* Configuring Database mail, Operators, Created Alerts and Notifications.
* Ensuring SQL Server security by creating user logins, and assigning roles and least-privilege permissions.

**Environment: Windows** 2003-2012, SQL Server 2008-2014, SSDT

**SQL Server DBA**

**Client: Whole Foods Market, Atlanta, GA Jun 2017** - **Jan 2019**

**Responsibilities**

* Installed and configured various editions and versions of SQL Server in standalone, and clustered nodes.
* Ensuring data consistency and availability across the database.
* Implemented high availability and disaster recovery solutions, including Always on Availability Groups,
* SQL Server Failover Clustering, Database Mirroring, Log-Shipping, and Replication.
* Maintaining the database, backups, security, patching, replication and updating permissions.
* Ensuring all databases, including financial and customer information, stay up to date.
* Backing up and restoring data to prevent data loss and disaster recovery solutions.
* Setting policies and procedures in place to protect against data loss.
* Managed Security using SQL Logins, Roles, and Security Modes for various users.
* Implementation of Transparent Data Encryption (TDE).
* Performed data Extracting, Transforming and Loading (ETL) from different data sources.
* SQL Server in-place (stand-alone and rolling) and side-by-side upgrades.
* Hands-on experience monitoring and performance tuning using Tuning Advisor, SQL server Profiler, Activity monitor, Windows performance monitor, DBCC, DMVs, and Stored procedures.
* Automation of database migration using PowerShell.
* Schedule reports using SSRS to generate daily, weekly, monthly, quarterly reports.
* Writing complex dynamic SQL, stored procedures, views, triggers, functions, cursor, query
* Creating SSIS packages using proper control and data flow elements.
* Install and configure SSRS and maintenance of the reporting servers.

**Environment: Windows** 2003-2012R2, SQL Servers 2008-2014, 2016, Red-gate SQL Comparel0, SSDT.

**SQL Server DBA**

**Client: Mangal Enterprise, Duluth, GA Jan 2015 - May 2017 Responsibilities:**

* Ensuring performance, integrity, and security of a database.
* Monitoring data consistency and availability across the database.
* Upgraded/Migrated SQL Server 2008R2/2008 databases to SQL Server 2012 databases.
* Managing jobs, backups, user accounts, database objects and permissions.
* Highly involved in Disaster recovery and High availability.
* Implementing new features in SQL 2008 like Policy-based Management, Table Compression & backup compression, SQL Server Auditing, Resource Governor, and merge statement in T-SQL.
* Configured Backup, optimization jobs and involved in restoring database to point in time in case of issues,
* troubleshooting long-running queries, locks, deadlocks, and performance issues.
* Set up and monitored transactional replication, Database mirroring on Production, QA, and Dev. servers.
* Extensively worked on Profiler, DMVs, DMFs, and DTA to tune the databases, servers, and query tuning.
* Managed Security using SQL Logins, Roles, and Security Modes for various users.
* Experience in contacting Microsoft and other vendors for product and technical support.
* Prepare user guide documentation for Power users to use the servers properly.
* Fixed technical and non-technical issues within a team and end users.
* Excellent written and verbal communication, flexible collaborator, and has a get-it done personality.

**Environment: Windows** 2003-2012, SQL Server 2008, 2012, 2014, Windows Enterprise.