**Ayele Eshete**

Operational Microsoft SQL Server DBA

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**PROFESSIONAL SUMMARY**

Operationally focused Microsoft SQL Server DBA with 10+ years supporting large enterprise, high‑concurrency environments. Deep hands-on experience with SQL Server 2012–2022 installation/configuration, performance tuning (Extended Events, Query Store, DMVs, execution plans), HA/DR (AlwaysOn Availability Groups, WSFC/FCI), and backup/recovery aligned to RTO/RPO targets. Strong in monitoring, alerting, and proactive health auditing; advanced T‑SQL; and automation with PowerShell. Experienced with database upgrades, change control, and source-controlled deployments (GitHub/Azure DevOps). Tools include SQL Sentry, SolarWinds DPA, and Idera Diagnostic Manager. Collaborates closely with developers and architects, documents procedures, and supports 24/7 operations.

**CORE COMPETENCIES**

• Microsoft SQL Server 2012/2014/2016/2017/2019/2022

• SQL Server internals: wait stats analysis, execution plans, plan cache, Query Store, Extended Events, DMVs

• Advanced T‑SQL: stored procedures, views, functions, indexing strategies

• Performance tuning and query optimization for high‑concurrency workloads

• High Availability/Disaster Recovery: AlwaysOn Availability Groups, WSFC/Failover Cluster Instances (FCI), Log Shipping, Replication

• Working knowledge of multi‑subnet AGs, quorum/witness design, and cross‑DC considerations

• Backups and recovery: full/diff/log, striped/compressed/encrypted backups, CHECKSUM/VERIFYONLY, snapshot‑based backups (NetApp); RTO/RPO planning

• Monitoring and alerting: SQL Sentry, SolarWinds Database Performance Analyzer, Idera Diagnostic Manager

• Audit server health and logs: SQL Server error logs, SQL Agent job history, Windows Event Logs (working knowledge)

• Installation/configuration per best practices: tempdb layout, MAXDOP/cost threshold, IFI, power plan, NTFS allocation unit size (working knowledge)

• Patching and upgrades: version upgrades; working knowledge of rolling patching for AGs/FCIs

• Automation & scripting: PowerShell, T‑SQL, SQL Agent jobs

• Database deployments & source control: GitHub, Azure DevOps; exposure to SSDT/DACPAC pipelines

• Reporting & ETL: SSRS (reports, subscriptions), SSIS (ETL), Logi Composer

• Security & compliance: TDE, Always Encrypted, Row‑Level Security, Dynamic Data Masking, data classification; HIPAA/PHI audit readiness

• Operating systems & platforms: Windows Server, WSFC, collaboration with storage teams (NetApp)

• Cloud platforms: AWS (RDS, DMS, Redshift, S3, EC2); Azure (Azure SQL Database, Azure Monitor)

• Adjacent databases: Oracle and MySQL (experience with)

• Operations: change control, incident response, 24/7 production support and on‑call participation (experience at CGI)

• Documentation: exposure to creating runbooks/SOPs and procedural documentation

**PROFESSIONAL EXPERIENCE**

**Sr. Database Administrator | UnitedHealth**

*October 2020 - Present*

• Architected and managed high-availability SQL Server environments (2016–2022) for critical healthcare applications, ensuring optimal performance and uptime

• Led migration of on-premises databases to AWS, utilizing AWS RDS and DMS, enhancing scalability and reducing infrastructure costs

• Implemented AlwaysOn Availability Groups and Failover Clustering, achieving seamless failover capabilities and minimizing downtime

• Collaborated on the migration of on-premises systems to AWS Cloud, leveraging RDS, DMS, and CloudFormation templates to reduce infrastructure costs and enhance scalability for critical healthcare applications.

• Optimized database performance using Extended Events, Query Store, and DMVs, improving query execution times and system responsiveness

• Collaborated with InfoSec to deploy TDE, Always Encrypted, Data Masking, and Row-Level Security for HIPAA and PHI data, maintaining comprehensive audit readiness at all times.

• Collaborated with development teams to design and implement efficient database solutions, improving application performance and reliability

• Support production reporting end-to-end: maintain T-SQL stored procedures/views powering enterprise reports; optimize performance, harden security, and manage releases under change control

• Optimized and wrote complex T-SQL queries and stored procedures to improve performance in critical database systems

• Installed and configured Logi Server and Logi Composer, successfully integrating Logi reports with Amazon Redshift, which enabled real-time business analytics and reporting for stakeholders

**Database Administrator | CGI**

*June 2017 - September 2020*

• Managed enterprise-level SQL Server databases with a focus on high availability and disaster recovery

• Upgraded systems from SQL Server 2012/2014 to newer versions, leveraging new features for enhanced performance and security

• Configured and maintained high-availability solutions, ensuring data consistency and system resilience

• Developed comprehensive backup and recovery strategies, providing robust data protection

• Implemented AlwaysOn Availability Groups and snapshot-based backup strategies in collaboration with storage teams (NetApp), achieving faster recovery times and ensuring robust disaster recovery (DR) validations

• Improved database security by implementing Row-Level Security and Dynamic Data Masking

• Optimized database schemas, indexes, and queries in collaboration with development teams

• Provided 24/7 support, ensuring high system availability and quick resolution of critical issues

**Database Administrator & Developer | Exelon Corporation**

*May 2015 - June 2017*

• Managed SQL Server databases across production, staging, and development environments

• Installed and configured SQL Server instances, including SQL Server 2016, enhancing system capabilities

• Resolved complex performance issues using Extended Events and Execution Plans

• Implemented SSIS packages for ETL processes, streamlining data integration tasks

• Developed automation scripts using T-SQL and PowerShell, increasing operational efficiency

• Collaborated with stakeholders to design database solutions that met business requirements

**TECHNICAL PROFICIENCIES**

Microsoft SQL Server • SQL Server DBA • Operational DBA • Monitoring and alerting • Audit server health • Windows Event Logs • SQL error logs • Performance tuning • Query optimization • Execution plans • Extended Events • DMVs • AlwaysOn Availability Groups • Failover Cluster Instance (FCI) • WSFC • HA/DR • Backups and recovery • RTO/RPO • T‑SQL • Automation • PowerShell • Patch management • Upgrades • Install and configure • Database deployments • Source control • SSIS • SSRS • SQL Sentry • Change control • On‑call • Documentation • Large enterprise • High concurrency

**CERTIFICATIONS**

• AWS Certified Solutions Architect Associate

• Microsoft Certified Professional in SQL Server 2012/2014

**PROFESSIONAL DEVELOPMENT**

• AWS Immersion Days – Data Lab

• Security Engineering on AWS

**EDUCATION**

• Bachelor of Science - University of Gondar (Computer Science, 2006)