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| Mohammad Haiderzai  **Microsoft Certified SQL Server Database Administrator**  **ITIL V4** Foundation Certification,  **AWS** Certified Cloud Practitioner,  **Microsoft Certified:** Azure Database Administrator Associate  **CompTIA** Security+ CE,  **MCSE:** Data Management and Analytics,  **MCSA**: SQL 2016 Database Development,  **MCSA**: SQL 2016 Database Administration,  **Microsoft Certified:** Azure Administrator Associate,  **MCITP:** 70-462, 70-463 |  | Permanent Resident  Security Clearable  www.linkedIn.com/in/mhaiderzai | | |
| EXPERIENCE 9 years  **Summary of Expertise:**   * **Database Management:** Extensive experience in SQL Server Database Management, AWS RDS, Azure SQL Databases. Highly Experienced in Database Administration, Reporting, Data Modeling, Database Design and Development, Advanced Installation, Configuration, Backup and Recovery, Upgrade, CU, Service Pack (SP), SQL/T-SQL, Stored Procedure, Trigger, DMV, DBCC, Clustering, Always On, Log Shipping, Mirroring and Replication. * **Performance Tuning**: Proven experience in Database Performance Tuning using SQL Server Profiler, Extended event, Database Engine Tuning Advisor, Execution plan, Performance Monitor and other third-party tools like RedGate, OpNet and SolarWinds, Commvault. * **High Availability and Disaster Recovery**: Strong Experience in Configuring and managing High Availability and Disaster Recovery solutions like Log shipping, Mirroring, Replication, SQL Server clustering and Always On Availability Groups. * Experience in creating, supporting, and maintaining database administration scripts. * Expertise in data modeling including analysis, conceptual, Logical and Physical data modeling using tools ErWin, Toad Data Modeler, SSDT. * Experience in implementing RAID technologies use with the SQL server database technology. * Knowledge in various states of System Development Life Cycle (SDLC). * **ETL**: SSIS Packages: Created, configured, deployed, and managed including Migrate and Upgrade. Experienced in Data Movement, data dumping using different tools like Export & Import utility, Data Tools, SSIS, including Excel File, Flat file, CSV file, SQL Server Databases. * **Reports: SSRS -** Highly proficient in Installing, Configuring, and administering SQL Server Reporting Services (SSRS), created, deployed, managed reports including migrating reports. * **Upgrade and Migrate:** Upgraded and migrated SQL Server databases and instances from older version to newer version like SQL 2008r2 to SQL Server 2012/2014/2016 and 2019 in different environments. Migrated from Oracle 10g/11g to SQL server 2016. * Added roles, migrate table and related object, export import, run packages, map data using SSIS and migrate from Oracle 10/11g to Microsoft database and Azure SQL database. * **Manage Security**: Securing SQL Servers and Databases, Manage Users, Data encryption, granting/revoking access. * Successfully Implemented TDE (Transparent Data Encryption) Row level Security, Column level encryption, Dynamic data Masking (DDM), Implemented Database & Server Auditing. * **Virtualization:** Install, Configure and Manage Vmware vSphere ESXi 6.5 & 6.7 and vCenter 6.5 & 6.7. Migrated VMs using Cold Migration & vMotion, Create Templates and P2V. * **AWS Cloud:** Manage and administer AWS SQL Server RDSs. Migrated reporting and critical On-Prem SQL Server databases with 1.3 TB and 2.1 TB sizes respectively to AWS SQL RDS. Elevance Health * **Azure Services/Cloud Services**: Administered Azure SQL Databases, Created and Managed Azure VMs, Managed Instances, migrated on-premises Databases to Azure, Created Database, Storage and Container, migrated data using Data-tier Application Export and Import (BACPAC) and DMA, Configured and Maintained SQL Server 2016 and 2019 Azure VMs. | | |  | SKILLS  * Database Management * Performance Tuning * HADR Solutions * Data Modeling * Database Connectivity * Service Packs * SSIS/ETL Tools * Reports: SSRS * Upgrade and Migration * Security Management * Operating Systems: Windows Server 2012R2, 2016, 2019, Red Hat Enterprise Linux, RHEL * Virtualization: Vmware vSphere ESXi 6.5 & 6.7  TOOLS  * Azure SQL * SQL Server * MySQL * Postgresql * Amazon Aurora * AWS Cloud * AWS RDS * Microsoft Azure * Visual Studio * Power BI * Tableau * ErWin & Toad * SolarWinds * ServiceNow * RedGate, OpNet  EDUCATION  * Bachelor of Science in Electrical Engineering  PROGRAMMING  * SQL/TSQL * Python * PowerShell * Azure CLI |
| Elevance Health, Inc. Milwaukee, WI — SQL Server Database Administrator April 2023 – Present   * Currently working as a SQL Server DBA, Overseeing SQL Server 2016 through 2019 on a large-scale environment. Providing Server and Database level support to Application Developers and Users. * Reviewed SQL procedures, triggers, views, functions, created by developers and recommended/assisted with improvements as needed. * Analyzed, troubleshooted, and remediated data integrity issues. * Monitored database systems and proactively managed and maintained configurations to ensure performance, availability, and stability. * Designed, developed, and implemented backup systems and ensures all database information is backed up and secured. * Created, managed, and maintained best-practice database maintenance. Analyzed system performance to plan for capacity management and scalability. * Provided database assistance and problem support to application developers, business analysts, and business users. * Designed, developed, and maintained user accounts, permissions, database tables, database elements, database programs, and database queries. * Provided direct support to operations, including database technical support, database functional support. * Implemented and maintained security and integrity controls including backup and disaster recovery strategies for document management systems and SQL Server databases. * Configured and Managed High Availability and Disaster recovery Solutions Always On, and Replication on Critical Production Servers. * Scheduled automated jobs for different database related activities including backup, monitoring database health, disk space, backup verification, cleaning history, deleting old files, indexes, and fragmentation managements. * Designed, modeled, documented, and guided the logical and conceptual relationship of data and database changes for complex applications. * Analyzed needs and requirements of existing and proposed systems, and developed technical, structural, and organizational specifications. * Communicated with technical, applications, and operational staff to design an optimal database architecture (performance, accessibility, backup, and recovery plan). * Performed logical and physical data modeling, designed relational database models, and created physical data models from logical data models. * Analyzed and proposed improvements regarding database performance, stability, usability, and scalability.  Bank of Montreal, BMO, Naperville, Illinois — SQL Server Database AdministratorJan 2022 – Feb 2023  * Performed Database management tasks including troubleshooting, performance tuning, database monitoring, Managing, and implementing database security policies and Audit practices, Manage and configure HADR Solution and backup & recovery. Managed Capacity, initiate corrective action to ensure all database servers meet processing requirements for performance and reliability. * Managed and administered SQL Databases both On-Prem and on the AWS Cloud, Managed AWS SQL Server RDSs in Dev, UAT and Production environments. * AWS Migration: Migrated SQL Server databases to AWS RDS. Migrated reporting and critical On-Prem Production databases with 2.1 TB and 1.3 TB sizes respectively. * Performed backup validation on S3 Bucket, database validation, row count, User Migration and database beatification, running various scripts, Stored procedures and Jobs scripts. * Ensured the availability and performance of the databases Transactional replication system, SQL Server Availability groups, ensuring that they have sufficient resources allocated to support high resilience and speed. * Supported and Monitored AWS RDS Databases, Monitored Performance of database systems resources and query throughput. * Proactively monitor the database systems to ensure secure services with minimum downtime and improve maintenance of the databases to include rollouts, patching, and upgrades. * Managed and Maintained Transparent Data Encryption (TDE), Row level Security, Column level encryption, Dynamic data Masking (DDM) to protect data in SQL Server 2016 and 2019 databases. * Maintained and administered database security access, Troubleshoot, and resolved database connectivity issues, Optimized SQL code as necessary. * Created documentation models for Standard Operating Procedures, Database configuration and Implementation Plans for Change Management purposes. * Configured and Managed High Availability and Disaster recovery Solutions Always on AG on Critical Production Servers on-prem and AWS SQL Server RDSs. * Monitor Database storage resources, Database maintenance plans for backups, index rebuild/defragmentation, and database statistics. * Identified performance bottlenecks and troubleshooted to improve database performance. Enforced Database related security policies and managed security to restrict excessive privileges in production servers.  West Virginia State Treasurer’s Office, Charleston, WV — SQL Server Database AdministratorSEP 2020 – Nov-2021 | | | | |
| * Worked as a SQL Server DBA, Overseeing SQL Server 2016 through 2019 on a large-scale environment. Providing Server and Database level support to Application Developers and Users. * Performed DB management tasks including troubleshooting, performance tuning, database monitoring and backup & recovery. Initiate corrective action to ensure all database servers meet processing requirements for performance and reliability. * Implemented and maintained security and integrity controls including backup and disaster recovery strategies for document management system and SQL Server databases. * Created documentation models for Standard Operating Procedures, Database configuration and Implementation Plans for Change Management purposes. * Created alerts and notifications, operator, Database mail configuration for system errors, insufficient resources, and fatal database errors. * Configured and Managed High Availability and Disaster recovery Solutions Always On, Replication, Clustering on Critical Production Servers. * Experienced in using DBCC commands to manage database consistency and to repair databases. Used DMVs and DMFs to monitor the health of server instances, diagnose problems and tune performance. * Scheduled automated jobs for different database related activities including backup, monitoring database health, disk space, backup verification, cleaning history, deleting old files, indexes, and fragmentation managements. * Monitored and tuned databases to meet performance and availability requirements, server activity, space usage, database health, backup verification, cleaning history and solve problems as needed. * Monitor long running queries/ Error Logs /Schedule Tasks/database activity/eliminate Blocking and Deadlocks user counts and connections/locks etc. * Extensive experience in TempDB configuration, partitioning, shrinking, compression, and database optimization. * Worked with Partitioning Techniques to allow the SQL Server engine to escalate locks to the partition level before the table level. * Extensive experience in creating, changing and enhancing logical and physical database design, and entity relationships for new and existing model (reverse/forward engineering) using ERwin and native tools. * Developed backup and recovery procedures, batch processing, log maintenance and automating functions, execute scripts, and maintaining servers as and when required. * Maintained Database Security and Active Directory user roles and privileges, Integrated SQL Server with Windows Active directory security for database/table level permissions. * Configured and Managed Database and Data Security solutions with TDE (Transparent Data Encryption) Row level Security, Column level encryption, Dynamic data Masking (DDM), Implemented Database & Server Auditing. * Administered Databases on Production Servers with server configuration, Performance Tuning, and maintenance, Perform DB patching, Cloning, troubleshoot issues/errors/incidents, * Identified performance bottlenecks and troubleshooted to improve database performance. Enforced Database related security policies and managed security to restrict excessive privileges in production servers. * Developed the Index Fragmentation Script on Production Servers to resolve Index Fragmentation issues automatically. * Performed data cleansing, data scrubbing as part of ETL while moving data from different data sources to OLAP Databases. Reviewed and created ETL processes for optimal access and data manipulation methods. * Created SQL Server Integration Services (SSIS) Packages for Maintenance plans, Optimization Jobs, and custom data extract scripts.  Akamai Technologies, Washington, DC — SQL Server Database AdministratorDEC 2017 – AUG 2020  * Worked as a Production Support DBA, Overseen SQL Server 2012 through 2016 on a large-scale environment. Provide Server and Database level support to Application Developers and Users. * Installed, Configured, and Managed SQL Server 2008 R2, 2012, 2014, 2016 in Development, Test, and Production environment. * Installed, Configured and Maintained HADR Solutions using Clustering, Always On, Mirroring, Replication and Log Shipping. Configured and Maintained Always On Availability Group using SQL Server 2016/2014/2012. * Installed, Configured and Maintained 2 and 3 nodes Active\Passive SQL Server Failover Clustering (FCl) to provide High Availability for mission critical events. * Upgraded SQL Server 2008, 2008R2 instances and databases to 2014 and 2016. Migrated Databases from Oracle 10g/11g, MySQL to SQL Server 2012/2014. Applied SP (Service Pack) on SQL Server 2012/201R2/2014/2016 on a routine basis. * Configured and Managed Database and Data Security solutions with TDE (Transparent Data Encryption) Row level Security, Column level encryption, Dynamic data Encryption (DDM), Implemented Database & Server Auditing. * Managed Server and Database level Permissions. Managed Security using SQL Logins, Roles and Security Modes for various users. * Monitored Server Activity, Error Log, Space Usage, Backup Verification and Database Health. * Developed and Implemented Database Maintenance Plans, Setup Jobs, Alerts and Operator Notifications. * Fine-tuned Performance Issues such as Query Optimization, TempDB Optimization, Log File Growing Fast, Identify and Release Lock, Block and Deadlock. * Created and implemented various SQL/T-SQL Queries & Stored Procedures, Functions, Triggers and CTE. Used DMVs and DMFs to Monitor Health of Server Instances, Diagnose different Server/Database problems. * Well versed in using SQL Server Profiler, Extended Events, Database Engine Tuning Advisor, Performance Monitor, Activity Monitor, Execution Plan, Query Analyzer, Live Query Statistics, Resource Governor, for Monitoring, Tuning, and Troubleshooting purposes. * Installed, Configured, and Administered SQL Server Integration Service. * Experienced in ETL operations, Export and Import to/from SQL Server Database using SSDT, SSIS, Import/Export Wizard for SQL Server, Developing and Deploying SSIS Packages, Setting up Jobs from SSIS Packages. * Designed and implemented Backup Strategies for Dev, UAT and Production environment. Performed regular Backups, Restores and Automated them as needed. * Implemented and Managed DR (Disaster Recovery) Solutions according to RPO, RTO and SLA, Setup Retention Policy, Backup Verification. * Azure Services/Cloud Services: Migrated on-Premises Databases to Azure, Created Database, Storage and Container, Migrated data using Data-tier Application Export and Import (BACPAC) and DMA, Configured and Maintained SQL Server 2016 Azure VMs. * Configured and maintained Geo Replication and Data Sync. Configured Always On Availability group within and cross region in Azure. Configured and maintained Azure SQL Server Database.  Carfax, Centerville, VA — SQL Server Database AdministratorMAY 2014 - NOV 2017  * Worked as a Production Support DBA, Administered SQL Server 2008R2 to 2016 on a large-scale environment. Provided Server and Database level support to Application Developers and Users. * Installed, Configured, and Managed SQL Server 2008R2/2012/2014/2016 in Development, Test, and Production Environment. * Setup and Maintained Transactional Replication in Development, Test/UAT, and Production Environment. * Setup, Configured, Maintained and Troubleshooted SQL Server Database Mirroring. * Implemented Security for Servers and Databases, Managed users, User Privileges Grant/ Deny/Revoke access and Data encryption. Plan, Control and Monitor Security and Audit issues as per SLA and Standards. * Managed Backup/Restore, Point-in-Time Recovery including Backup Verification, Setup Retention Policy, Setup Automated jobs, Alerts and Notification with Maintenance Plan in SQL Server. * Applied SP (Service Pack) on SQL Server 2008R2 to 2016. * Expertise in Server/Database Performance Tuning using SQL Server Profiler, Execution Plan, Database Tuning Advisor, Activity Monitor. * Monitored Server Activity, Error Log, database health, space usage, cleaning history and solving problem as needed. * Experienced in using DBCC commands, Query Store, DMVs and DMFs to Monitor the Server Health, Database Consistency and Diagnose Problems. * Worked T-SQL Scripting, Table Partitioning, Create and Modify Tables, Stored-Procedures, Triggers, Function, Views, Indexes (Clustered/Non-Clustered), Constraints, and Keys (Primary Key, Foreign Key). * Used SSIS Transformations such as Container, Lookup, Derived column, Data Conversion, Aggregate, Conditional Split, Execute SQL Task, Login Transfer, Union, Union All and send Mail Task etc. * Exported & Imported data to/from various sources/destinations using SSDT, SSIS and Import/Export Wizard for SQL Server. * Installed, Configured and Administered SQL Server Reporting Services (SSRS), Developed, Deployed and Managed Reports, Data Analysis and Visualization, Upgraded and Migrated Reports and Reporting Server, Managed Security. * Developed various Maintenance Plans for Backups, Index Management, Fragmentation Management, Cleaning History, Deleting Old Files etc. Executed change management scripts on weekly basis. | | | | |