**MERVILLVE N SAH**

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**MSSQL SERVER DATABASE ADMINISTRATOR PROFILE**

**Database Administration-SQL Server High Availability and Disaster recovery**

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| --- | --- |
| **SQL Automation**  **SSIS& SSRS**  **Database Security**  **Active Directory**  **Backup &Restore**  **SQL & Windows Cluster Development**  **Complex Conflict Resolution**  **DB Design & Engine Encryption**  **Team Building & Leadership**  **T-SQL Writing Skill**  **Server Administration**  **Devops Computing**  **Cloud Computing(AWS)** | Highly analytical and results-driven IT professional with over +5 years of experience in SQL server, database administration.  Proven success in deployment of effective IT roadmaps, processes, and procedures including setting up high availability and disaster recovery solutions in SQL such asAlways-On availability groups, log shipping, mirroring, replication, and traditional fail over clustering.  Significant expertise in SQL server upgrade and database migration as well as new instance installation.  Demonstrated history of successful execution of various processes including disaster recovery solutions, performance tuning, and monitoring.  Excel at supporting mission-critical databases on premise. |

**Technical Proficiencies**

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| SQL Server 2008-2019| Always-on Availability Group| Log shipping I Replication |Traditional failover clustering| Always Encrypted|Transparent Encryption| Hyper-V | T-SQL| |

**CAREER ACCOMPLISHMENTS**

* Successful implementation of a change management process in compliance with set objectives.
* Devised effective solutions for slow running queries, deadlock, and blocking issues to optimize overall productivity.
* Generated prompt response to tickets, resolved user request based-off priority, and ensured database configuration maintenance in the configuration repository.
* Implement documentation of all processes, organizing high-availability and disaster recovery technologies, as well as integrating database backup /recovery.

**CERTIFICATION**

**MCSA. MICROSOFT CERTIFIED SOLUTION ASSOCIATE**

**CURRENT PROJECTS**

* Setting up always on availability groups, failover clustering and log shipping for high availability and disaster recovery.
* Building new SQL Server instances for database migration and consolidation.
* Upgrade SQL Server from 2008 R2, 2012, 2014,2016, and 2019
* Apply windows and SQLserver patches including hot fixes, cumulative updates, and service packs.

**Professional Experience**

**Freshly**|Savage MD January 2020-Present

**SQL SERVER DATABASE ADMINISTRATOR**

Administer overall facets of MS SQL database administration with utmost efficiency including various operations such as database design, installation, configuration, upgrades, and trouble shooting. Manage end-to-end security operations involving setting up logins, user ids, and permission grant to database objects in line with company’s security policy. Leverage expertise and industry best practices while running SQL server health check on Microsoft SQL server databases and servers. Ensure timely configuration of high availability solution, always-on cluster, traditional failover clustering, database mirroring, and log shipping to overcome irregularities. Identify areas of improvement and troubleshoot SQL DB slowness and Disk/Memory/CPU utilization process. Control data recovery, maintenance, data integrity, and space requirements for physical databasesin an efficient manner.

* Testing & Implementation of Features Enhancement in Higher MSSSQL versions
* Successful implementation of a change management process in compliance with set objectives.
* Maintained and achieved high availability of database via coordinating with infrastructure teams to allocate system resources to database.
* Creating maintenance plan to automate Administrative tasks(rebuilding and reorganizing Indexes, updating statistics to enhance performance)
* 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.
* Tune and Monitor my environment using SQL server inbuild (Activity monitor, event viewer) and third party tools( Solarwinds, Idera).
* Thrive in a collaborative multicultural community focused on students and families
* Developed and updated tables, stored procedures, views, indexes, user-defined functions, and triggers in accordance with SQL Server Environments.
* Strong proficiency in Microsoft Excel, PowerPoint, and other educational software programs
* Completed tasks prior to deadline involving SQL automation, installation, site recovery, and backup to ensure optimal performance and disaster recovery of database.
* Upgrade and migrate databases from SQL Server 2008 to SQL Server 2016 using in place and side-by-side migration as well as backup and restore, Detach and Attach.
* Ability to work in a fast-paced, high-performing, but sometimes unpredictable environment.
* Building and configuring VMs in Hyper-V environment.
* Developing and Updating tables, stored procedures, Views, Indexes, user-defined Functions, and Triggers in accordance with SQL Server Environments.
* Maintained and achieved high availability of database via coordinating with infrastructure teams to allocate system resources to database
* Migrated database using backup and restore, detached, and attached, import/export, log shipping and Database mirroring on premise.
* Implement documentation of all processes, setting up high availability and disaster recovery technologies, as well as integrating database backup /recovery,SSIS and SSRS.
* Maintain database consistency through DBCC checks and Capacity Planning

**Nestle**|**Laurel MD** **October 2019-January2020**

**SQL SERVER DATABASE ADMINISTRATOR**

* Planning the Installation of Microsoft SQL Server 2008, 2012, 2014, 2016, 2019 building, designing, Configuration, Upgrade, Migration, and application of Windows and SQL Patching during scheduled database downtimes after hours to ensure databases are up to date in Virtualized environments
* Configure and manage HA and DR solutions such always-on, database mirroring, and log shipping, Replication and traditional fail over clustering with utmost accuracy.
* Accredited to perform SQL DB maintenance operations on a regular basis as per workload patterns and utility.
* Perform scheduled maintenance and support release deployment activities after hours
* Created and integrated DB backup/restore and disaster recovery strategies on company’s SLA leveraging proven methodologies.
* Ensure high level of performance availability, sustainability and security
* Mitigated downtime fixed overall database access and performance issue, and uncovered abnormalities while patching and upgrading database Servers and Windows Server.
* Utilized powershell tools to automate jobs
* Assist developer with query turning and schema refinement.
* Analyze, solve and correct issues in real time.
* Acts as Subject Matter Expert to programmers and engineers in their efforts to efficiently utilize database systems.
* Developing and updating tables, stored procedures, views, indexes, user-defined functions, and triggers per SQL Server Environment.

**Coastal Sunbelt|Laurel, MD August 2018-October2019**

**SQL SERVERDATABASE ADMINISTRATOR**

* Controlled various end-to-end operations including new SQL installation and configuration for upgrade and testing along with database migration via utilizing detach/attach and backup/recovery, import/export procedures.
* Performed maintenance procedures of active directory as well as develop database snapshots for auditing.Monitored and automated all DBA tasks via incorporating SQL and 3rd party tools. Regulated SQL and Windows Service packs, security patches, and updates in addition to performing replication and log shipping on SQL 2008 and 2012. Completed side-by-side and in-place server upgrades.
* Implemented change management process and resolved tickets with absolute precision in a timely manner.
* Devised effective solutions for slow running queries, deadlock, and blocking issues to optimize overall productivity.
* Create and manage maintenance plans for database backup and restore and put in place recovery strategies following the company’s SLA
* Coordinate with customer and 3rd party vendors to manage and support the database system.
* Leveraged expertise including extended events and SQL profiler while monitoring SQL server performance.
* Accomplished on time upgrades and migrations from SQL server 2012 to 2017 (in-place) and from SQL server 2008 to 2016 (side-by-side).

**North West Livestock Development Fund| CameroonSeptember 2015 – November 2017**

**IT Assistant /Microsoft SQL backup administrator**

* Troubleshot, maintain and repair computers at the league and in Fund.
* Installed leagues software on newly purchased computers.
* Train staff on how to use computers and related software.
* Advise the league and affiliated Development Funds on the purchase of computers and related equipment.
* SQL Server installation and Maintenance.
* Troubleshoot, maintain, and correct accounting transactions in the league database.
* SQL Database backup restore
* SQL Server upgrade and database Migration
* Create, manage, and assign users privileges n the database and in active directory.

**Education and Certifications**

**MCSA. MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE**

UNIVERSITY OF BAMENDA.

**Bachelor of Education 2015**