

Jessica Claire

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PROFESSIONAL SUMMARY

- Detail-oriented Database Administrator with over 7 years of experience managing SQL Server databases in production environments. Maintained servers and systems to ensure smooth business operations, a passionate contributor to team success with a track record of empowering teams. A self-starter who is versatile with database technologies, always motivated to learn, grow and stay current.

ACCOMPLISHMENTS

- Automated processes to reduce workflow by creating maintenance plan that runs daily to reorganize, rebuild and update statistics, Backup, and Cleanup task in my environment.
- Migrated SQL Databases from On-prem to AZURE, configure Geo-replication for High availability, Manage database on Elastic pools and Manage instances
- Setup and Manage Always-ON High Availability for HA/DR; High availability and Disaster Recovery. Setup and manage Log shipping to automate and Synchronize Backups and restore to a Secondary servers for Disaster recovery as an addition security for Mission Critical databases in our environment.
- Create Data Models for new and modernized legacy Databases, implement database design following best recommendations to maximize performance and reduce data redundancy and inconsistencies. In doing so, I understand the need for a Business requirement document that outlines the business needs from the conceptual to the logical, and a good strategy for the physical model and design like normalization in OLTP vs OLAP.
- Maintain Database Security and Consistency in Sql Server Databases by Running database validation Checks and database consistency checks to proactively resolve data corruption and Inconsistencies

SKILLS

- Installed SQL in standalone/Clustered
- Database migration to Microsoft Azure
- Log Shipping, Always-On High Availability
- Traditional Failover, Mirroring, Replication
- Performance Monitoring & Tuning
- Data Modeling & application Design
- Azure, Network, Storage & Disaster Recovery
- Managed Instances, elastic pools, Azure VMs
- Managed Azure compute and services
- On-call 24/7 rotation, Production Support
- ETL with Pentaho data Integration, SSIS

PROFESSIONAL BACKGROUND AND EXPERIENCE

SENIOR SQL SERVER/AZURE DATABASE ADMINISTRATOR

05/2019 to CURRENT

Adt Security Services, Inc | Oldsmar, FL

- Produced high-standard database solutions to meet stability, reliability and performance metrics.
- Administered SQL Server databases in production environments, ranging from 2012 to 2019 versions. Install and configure SQL Server database in standalone/cluster environment with availability groups.
- Set up and controlled user profiles and access levels for each database segment to protect essential data, Creating, granting and monitoring user access rights and privileges through roles and profiles.
- Involved in Administering the servers by creating User logins with appropriate roles, logins, monitoring the user accounts, creation of groups, granting the privileges to users and groups.
- Configured SQL Server 2016 Always On Availability Groups. Involved in Analyzing and Upgrading SQL Server 2008 to SQL Server 2016.
- Performed Database Migration of SQL Server Databases to Microsoft Azure hosted DBs and Managed instances.
- Comprehensive knowledge of SQL Server deployment, migration, patching, troubleshooting, optimization, maintenance (modelling High-Availability (HA) and Disaster Recovery (DR)).
- Configured High Availability Solution- Clustering, Always-On, Database Mirroring and Log Shipping.
- Manage database security and users in Active Directory, ensure Database Integrity and setup maintenance plans via SQL Agent.
- Involved in planning, setup and implementation of new servers across the entire enterprise.

SQL SERVER DATABASE ADMINISTRATOR

09/2018 to 08/2019

Adt Security Services, Inc | Brooklyn Park, MN

- On-call 24/7 SQL Server Production Database Administration, Support and Monitoring for proactive problem resolution. Involved in planning, setup and implementation of new servers across entire enterprise.
- Minimized downtime by optimizing and monitoring High Availability for SQL Server, applying Database Mirroring, Log Shipping, Traditional Failover Clustering, and Always-On Cluster methods.
- Performance monitoring and SQL Profiler to optimize queries and enhance database and server performance.
- Provide DBA support and technical expertise for multiple applications in development, test and production SQL Server 2016,2017 environment.
- Responsible for working on 2008, 2012, 2014 and 2016 versions of SQL involved in building out new secondary data center servers by configuring SQL 2008/2012/2016 with DR strategy.
- Performed Log shipping, replication, mirroring and implemented as high availability techniques and setting up and automatic/forced fail over for production servers.
- Auditing of database for Logins, Users transactions, and database activities and resolving orphan users.
- Troubleshoot Blocking and Deadlocking issues by making appropriate changes to Transaction Isolation levels and the types of locks being held; avoid keeping transactions open for long durations, breaking large transactions to smaller ones.
- Scheduling and monitoring SQL agent jobs. Designed and developed script to refresh selective data from production to development, and implementing to support business needs and deadlines.
- Work with Server/SAN team to diagnose IO latency occurring with several VM's, configured HADR techniques such as log shipping and Always-on.

SQL SERVER DATABASE ADMINISTRATOR

06/2015 to 04/2018

Pike Solutions | City, STATE

- Worked on migrating SQL Server from SQL Server 2012 to SQL Server 2014/2016.
- Design and implement the appropriate database maintenance for database systems (Index maintenance, update statistics, Backup strategies).
- Work with application teams on tuning queries which causes extended blocking, deadlock and locking.
- Developed automated tasks for daily, weekly and monthly database maintenance such as database backup, database integrity verification and indexing using control-M agent and SQL server agent.
- Developed complex T-SQL script and stored procedure to improve performance, preserve referential integrity and provide application functionality.
- Worked on linked server to run distributed queries between SQL server and Oracle databases.
- Periodically apply the required service packs and cumulative updates on database servers.
- Configured Transparent Data Encryption (TDE) and backup/restore strategies on encrypted databases.
- Followed standard practices for migrating changes to test and production environments.
- Developed custom database objects, stored procedures and delivered application support.
- Created and updated database designs and data models.
- Set up and controlled user profiles and access levels for each database segment to protect important data.
- Maintained complex T-SQL queries, views and stored procedures in multi-database environment with little supervision.
- Designed and implemented TSQL queries for reporting and complex solution development.
- Built databases and table structures for web applications.
- Implemented system enhancements to design and develop solutions to address problem reports.
- Administered, supported, and monitored databases by proactively resolving database issues and maintaining servers.
- Worked with staff to develop and implement procedures to prevent data loss and maximize system availability.
- Determined database structural requirements, working with business stakeholders to identify optimal database specifications.
- Implemented BI solution framework for business intelligence projects.

EDUCATION AND TRAINING

Bachelor of Science

Jawaharlal Nehru Technological University, Hyderabad, INDIA

04/2015

CERTIFICATIONS

Microsoft Certified: Azure Administrator Associate AZ-104

Microsoft Certified: Azure Database Administrator Associate DP-300