

JESSICA CLAIRE

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PROFESSIONAL SUMMARY

A SQL Server Database Professional with over 7 years of experience managing critical databases both on-Prem and in the Cloud (Azure), with extensive experience in administration and support of next-generation SQL Server databases in production, test, development, stand-alone and clustered environments.

- Have substantial expertise in Performance Tuning, Maintenance, High Availability and Disaster Recovery (HADR) Strategies.
- Hands on experience in setting up and troubleshooting Always On, Clustering, Database Mirroring, Log Shipping, including Replication (Snapshot, Transactional/Merge and Peer to Peer).
- Database Backup and Restore/Recovery, Query Optimization, Security, SQL Server Installation, Configuration of Stand-alone and Clustered environments.
- Migration/Upgrade, applying service packs and routine/emergency DBA operations like database health check, index optimization, updating statistics, client/server connectivity and capacity planning.
- Responsible for securing SQL Server, User Management, assigning permissions and roles.
- Using Query Store, Extended Events, Database Engine Tuning Advisor (DTA), SQL Profiler, Scripts, and other third-party tools to resolve bottlenecks, deadlocks, and slow running queries.
- Database security through configuring dynamic data masking.
- Experienced with Active Directory (AD) objects and user permissions.

SKILLS

- SQL Server Installation, Implementation and Migration
- Database Security, Backup and Recovery
- Performance Tuning and Capacity Monitoring
- HADR Configurations: Log Shipping, Mirroring, Clustering, Transactional Replications, AlwaysOn Availability Groups
- Standby/Failover Administration
- ETL Processes (SSIS, SSRS, SSAS)
- SQL server Tools: SSMS, SQL Profiler, PerfMon, SQLCMD, Database Tuning Wizard, SQL Server Upgrade Advisor
- Monitoring Tools: Solarwinds, Redgate SQL Monitor
- T-SQL
- Database Maintenance
- Cloud Migration using Azure
- Powershell

EDUCATION

University of Lagos
Bachelor of Arts: Linguistics

CERTIFICATIONS

- Certificate of Completion; SQL Server Database Administration, Complete Computers - Jul 2014
- Certificate of Completion; AZURE Fundamentals, Tekipro - May 2020
- Microsoft Certified Solution Associate (MCSA) - SQL Database Administration 2016 Server
- MD-101 Microsoft Modern Desktop Admin
- AZ-104 Microsoft Certified Azure Fundamentals
- DP-300 Microsoft Certified Azure Database Administration Associate

WORK HISTORY

Rr Donnelley & Sons - SQL Server Database Administrator
Nashville, TN • 06/2019 - Current

- Develop and Create Stored Procedures, advanced queries, triggers, views, indexes and functions for databases
- Provisioning Databases and configuring appropriate HA/DR strategy based on the RTO/RPO objectives of the organization
- Manage over 1100 databases and VLDB across multiple data centers
- Enhance database performance, perform system backup and restores, implement recovery procedures and conduct regular health checks
- Carry out performance tuning tasks on a regular basis on issues ranging from query tuning to index optimization, TempDB issues, to IO, High CPU usage, severe blocking, long running query etc
- Collaborating with cross functional teams in making Technical decisions, capacity planning and upgrading of SQL Servers for business requirements
- Configuring, Maintaining, and troubleshooting Log shipping, Mirroring, AlwaysOn Availability Groups, Replication, SQL server Failover cluster and High Availability Disaster Recovery Solutions
- Configuring DR solution with Transaction Replication from Distribution Server with multiple update table subscriptions
- Migration of SQL Server from on premises to Azure SQL Database and large-scale database migrations on various versions of SQL Server
- Schedule and monitor daily, weekly, Monthly, and quarterly Maintenance Task, ensuring that its successful and resolves any issues when it fails
- Performs Database consistency checks with DBCC, Defrag, Index tuning and monitored error logs
- Using ETL packages for data warehousing
- Weekly Patching of Standalone and Cluster instances
- Performs Physical and Logical Data Modelling for databases of varied sizes including VLDBs
- Configure DR solution with Transaction Replication from Distribution Server with multiple Update table subscriptions
- Manage the products and development databases including performing tuning, capacity, SQL server clustering, database security configuration and database continuity
- Manages permissions and security, performs security tasks like Grant, Revoke permissions for security tasks
- Provides On-Call support to Mission critical Environments
- Expert in using DBCC trace flags, handling blocking and deadlock situations
- Use tools like Solarwinds, Fog Light, Red Gate for monitoring my environment.

Rr Donnelley & Sons - SQL Server Database Administrator
San Antonio, TX • 11/2014 - 06/2019

- Installed and configured edition of SQL Server 2005/2008 like Enterprise edition
- Successfully migrated from SQL Server2005 to SQL Server 2008 on Development and Testing Environment
- Migrated new database structures, such as tables, indexes and stored procedures from development to the production environment
- Monitored database system details within the database, including stored procedures and execution time and implement efficiency improvements
- Development of automated daily, weekly and monthly system maintenance tasks such as database backup, replication verification, Mirroring, database integrity verification, indexing and statistics updates
- Designed New Reports and Customized existing reports of older version to New version
- Implemented transactional replication to enhance the failover capabilities increased over all database manageability and improved performance
- Implementing different Development and Test Server instances for the Application Development Team and to co-ordinate Development and Testing Environments and keep them updated
- Daily support, troubleshooting, monitoring, optimization and tuning of server and SQL server environments
- Creating logins and roles with the appropriate permissions
- Responsible for resolving blocking and locking issues
- Successfully implemented database mirroring between Primary server and Mirror Server
- Implemented log shipping in standby mode to support DR servers
- Provided 24 X 7 dedicated supports for SQL Server production server