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# JESSICA CLARE

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## SUMMARY

A self motivated and organized SQL Database Administrator with 5 years of success designing and implementing database solutions. My experience includes SQL Servers (2005/2008/2012/2014/2016), SSIS, Clustering, DB mirroring, Clustered environments and High Availability solutions. I am proficient in Database Backup, Recovery, Performance Tuning, Replication Maintenance tasks, Security and Troubleshooting.

## TECHNICAL SKILLS

- Database analysis
- Writing queries
- Database Maintenance
- Microsoft SQL
- T-SQL
- GUI and tools
- Performance Tuning
- Backup and Restore
- Disaster Recovery
- Data Migration
- Database Upgrade Patches
- Replication, Log Shipping, Mirroring, Always ON Availability Groups, Fail-over Cluster
- Data Conversion
- Conflict resolution

## EXPERIENCE

**Remote SQL Server Database Administrator**, 02/2018 - Current

**Dr Cz Open Classroom** – City, STATE

- Developed and implemented security initiatives to protect important company data
- Principal DBA responsible for 50 servers with database sizes ranging from 5GB to 1TB
- Responsible for administering and maintaining over 150 database servers of Production and Test environment
- Analyzes the current database environment to determine recommended database maintenance, security, and Microsoft SQL Server best practices
- Develop and create stored procedures, advanced queries, triggers, views, indices, and functions for databases
- Migrated databases from SQL Server 2000/2005, SQL Server 2005/2008 and SQL Server 2008R2 to 2012
- Responsible for supporting the SQL Server databases and ensuring their performance, availability, and security
- Involve in performance testing and optimization of a 2TB OLTP Database
- Updating Service packs and Security patches for the Servers
- Create and re-evaluate Indexes and made needed modifications for better performance
- Establish standards and schedules for database backups by making sure that the backup schedules meet the recovery requirements on a daily, weekly, as well as monthly basis. Using the RESTORE VERIFY option when creating backups
- Partner with project management teams on development of scope and timelines
- Periodically restores backup files in test environment to check for corruption
- Assists application team in the creation of databases, construction of queries, modification of database tables, and troubleshooting data issues

**Database Administrator (Graduate Assistant)**, 01/2016 - 12/2017

**East Tennessee State University** – City, STATE

- Developed and implemented security initiatives to protect important company data
- Resolved incident tickets for Database related issues.
- Maintenance, upgrade, and support of Microsoft SQL Server databases
- Merged replications, Snapshot, Transactional and extensive knowledge in Merge replication, creating jobs, alerts, SQL server login, database user and define server roles
- Database Mirroring, Cold Standby, Warm Standby, Log Shipping, and Replication
- Wrote scripts and processes for data integration and bug fixes
- Proactively monitored the database systems to ensure secure services with minimum downtime.
- Developed data models and database designs to plan projects
- Analyzed, conducted and implemented physical database designs
- Documented and maintained current database patches

**Database Administrator (Junior)**, 01/2012 - 12/2015

**Cocharis Motors** – City, STATE

- Installed and configured multiple SQL Server instances in production environment
- Performed, database upgrades & applied software patches to the databases as per application/client requirements
- Partnered with project management teams on development of scope and timelines
- Worked to ensure all data are recovered, systems and data integrity are maintained
- Wrote scripts and processes for data integration and bug fixes
- Updated Service packs and Security patches for the Servers
- Created and re-evaluated Indexes and made needed modifications for better performance
- Created and Reviewed Security features for all the servers
- Documentation of Server Builds specifications and Security features. Participating in process, application and database audits
- Proactively responding to database alerts by installing, upgrading, migrating and configuring SQL servers to resolve issues
- Managing duties like troubleshooting, tuning input/output to enhance database performance
- Worked with DBA team members to provide client requirements, and suggestions to the developer team related to databases
- Worked as a team member with other DBA's to ensure 24x7 day a week support of all corporate databases
- Supported SQL server developers working on different projects with various request
- Assessed customer needs and goals through communication and system evaluations to modify existing databases for personalized customization
- Worked in team responsible for managing and administering SQL server instances installed on Windows operating system
- Performed duties associated with multiple databases related to consistency checks, and took responsibility to do regular data backups on the server
- Created database objects like tables, views, indexes, stored-procedures, triggers, cursors using T- SQL
- Delivered an exceptional level of service to each customer by listening to concerns and answering questions
- Increased sales by 17% over a two-year period

## EDUCATION AND TRAINING

**Master of Science:** Engineering Technology, 2017

**East Tennessee State University** - Johnson City, TN

**Bachelor of Science:** Geology, 2010

**University of Port Harcourt** - Nigeria

## REFERENCE

Available on request