

# Jessica Claire

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## PROFESSIONAL SUMMARY

Proven success in deployment of effective IT roadmaps, processes, and procedures including setting up high availability and disaster recovery solutions in SQL such as Always On Availability Groups, Log Shipping, Mirroring, Replication, and Traditional Fail Over Clustering. Significant expertise in SQL Server Upgrade and Database Migration as well as Azure Databases, Elastic Pools, Managed Instance, and New Instances Installation. Highly analytical and results-driven IT professional with over 5+ years of working experience in SQL Server Database Administration and Microsoft, Security Backup and Restore, Hyper-V, VM Ware, T-SQL, IaaS, SaaS

## CORE QUALIFICATIONS

- Systems administration
- Critical Thinking. Able to thinking beyond measures under pressure
- Self stater
- Excellent Listener. have very strong listening skills

## EXPERIENCE

**SQL SERVER DATABASE ADMINISTRATOR** 05/2022 to 07/2022

**Silvergate Capital Corporation | City, STATE, United STATES**

- Developed and updated tables, stored procedures, views, indexes, user-defined functions, and triggers in accordance with SQL Server
- Environments
- Completed tasks prior to deadline involving SQL installation and automation, setting up Azure SQL Databases, Manage Instances and
- SQL Azure VMs with site recovery, and backup to ensure optimal performance and disaster recovery of database
- Migrate databases to
- Azure SQL using Database Migration Service, Replication, backup and restore
- Install and configure Microsoft SQL Server 2008 insert through 2019 following best practices
- Upgrade SQL server from SQL server 2008 to 2016 using both in-place and side-by-side upgrade
- 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
- Provide guidance and expertise for database Performance Tuning, Performance and Query Optimization using both SQL Server inbuilt and third-party tools (Query Store, Extended Event, SQL server Profiler, SQL Server turning Advisor
- Manage and develop long-term strategies for data storage and capacity planning
- Create and manage database backup and restore strategy following company's SLA
- Refresh databases in Test, Dev Environment and manage users and permissions in active directory
- Set Up and manage Disaster Recovery and High Availability solution (Always-On Availability Groups (AG), Log Shipping and Database
- Mirroring, Traditional Failover Clustering, Replication)
- Apply both SQL Server and Windows patches
- 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
- Enhancing performance by creating table partition files and file groups, table compression
- Creating and managing logins and users following principal of list privileges
- Creating and managing users in active directory
- Building and configuring VMs in Hyper-V environment
- Maintained and achieved high availability of database via coordinating with infrastructure teams to allocate system resources to database
- Migrating databases from On-prem to Azure (Azure SQL Database, Azure SQL manage instance and SQL on Azure VMs)
- Install and configure SQL SERVER SSIS and SSRS Packages.

**SQL SERVER DATABASE ADMINISTRATOR** 01/2018 to 03/2021

**Silvergate Capital Corporation | City, State**

- Managed over 112 databases
- Planning and Installation of Microsoft SQL Server, SQL Upgrade and Migration
- Coordinate with vendors and end users to apply
- Windows and SQL Patches
- Define and implement Backup and Recovery strategies and Capacity planning per company Recovery Point Objective (RPO), Recovery
- Time objective (RTO) and SLA Retention policy
- Implement data security by creating users and assigning permissions per principle of least privilege
- Implement data security operations like Always Encrypted, Transparent Data Encryption (TDE) and Dynamic Data Masking (DDM) to secure client's sensitive data
- Leverage in-built software in SSMS (SQL Server profiler, Performance monitor, Extended Events, DMVs, Database Integrity checks) to ensure database integrity, stability, system availability; and other Third-party software like IDERA and SolarWinds Database Performance
- Analyzer to monitor system health and security
- Configure High Availability (HA) and Disaster Recovery (DR) Solutions on productions systems using Clustering - Always On, Traditional
- Failover Clustering (Windows Server Failover Cluster - WSFC), Database Mirroring, Replication such as peer-to-peer replication, merger replication and transactional replication and Log Shipping
- Provide end-to-end support and problem resolution for SQL Server databases through multiple product lifecycle environments, such as development, testing to mission-critical production systems
- Create and update database documentation about company standard procedures, technology features and production issue troubleshooting
- Creating and monitoring maintenance plans and agent jobs that take backups and de-fragment indexes for query performance
- Troubleshooting of SQL Server service outages as it occur, including providing on call support during after-hours and weekends
- Control and establish appropriate database user access control levels by provisioning and users based upon company policy to control access for each segment of Databases
- Develops database security guidelines and performs audits

**SQL SERVER DATABASE ADMINISTRATOR** 08/2016 to 11/2017

**Credit Union, Cameroon | City, State**

- Greatly contributed to increase in performance
- Drive end to end availability, performance monitoring, and capacity planning of Microsoft SQL architecture
- Support SQL Server and Application environments
- Established multiple projects and deadlines in fast-paced environment independently
- Managed 100 database performance issues and help to ensure security and compliance across all database systems
- Established day to day administration and Database Maintenance
- Monitor and optimize SQL Server performance through hardware upgrades, server configuration changes, or index/query changes
- Collaborate with architecture and development teams in providing design recommendations
- Manage Production and Operations readiness plans and documents.

## EDUCATION

**Bachelor of Arts** 07/2015  
**University of Buea, Buea Cameroon**