Lilly Coley

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SQL Database Administration

- Experience with SQL Server Installation and Implementation Replication
- Knowledge of Database Mirroring and Recovery
- Knowledge of SQL Clustering, Log Shipping and Setting up Migration to SQL Server 2005, 2008, 2008R2, 2012, 2014, 2016,2017
- Experience in Performance Tuning, Query Optimization, Database consistency checks using DBCC Utilities, Recompiling Stored Procedure and Index Maintenance.
- Experience in SQL Server Performance Monitoring through Profiler, Spot Light, and performance monitor- analyzing the performance of queries.
- Experience working with Production (24/7) and Development environments
- Knowledge of Backup & Restore in SQL Server.
- Created Database users controlling access to SQL Server and making sure right people get access to the right data and looking after security issues.
- Performed physical database analysis and feasibility requirements which involves security, archival, maintenance and recovery requirements.
- Excellent interpersonal, analytical and communication skills.

Employment History

Nashville Software School   **January 2020- Present**
Data Analytics Apprentice

- Six month intensive program designed to teach students the different stages of analytics.
- Key Software: **Excel, Python, SQL, Tableau, and Power BI.**
- Real world data utilized to learn the process of ETL, dashboard creations, report development, stages of the analytics workflow, and cleaning data.

Government Enterprises   **March 2017-Present**
Production Database Administrator

- Migrated enterprise production and development servers from SQL 2008R2 to SQL 2016 Enterprise
- Created database systems and maintenance plans that support production SLA.
- Created High Availability AlwaysOn with a hot-hot read replica on our critical production servers.
- Maintained replication and fixed latency on servers running on 2008R2
- Fulfilled requests from the Application Development, Network, and Data Teams; which includes but are not limited to security, new object design, modification of existing objects and build process and deployments for SCRUM team.
- Setup column-level encryption on production servers.
- Worked with auditors to provide data deliverables for compliance PCI standards.
- Provided User Acceptance Testing (UAT) environment for account management and external clients to test new features for software releases.
- Fine tuned UAT staging process so mean time to recovery for the new system is delivered to quicker to match the two week sprints.
- Monitoring health of all database systems and recommending areas that need attention to reduce response times to customers.
- Worked with analysts and developers to help with SQL tuning statements.
- Produces health check reports to identify bottlenecks in system
- Manages build releases and works independently
- Setting up targets and replicas for read only systems.

- System design and implementation for data load services to support business intelligence, bill presentment, and ACH file deliverables.
- Created a GITHub repository for AppDev and Data Team's Continuous Integration process

August 2015- February 2017

Centers of Disease Control and Prevention (CDC)
Database Administrator
- Worked with a team of 8 to manage over 200 databases ranging from 350GB to 3.0TB.
- Performed various data migration tasks for mission critical databases.
- Worked with BI teams in the full development lifecycle of the SQL server 2005, 2008, 2008r2, 2012 and 2014 enterprise data warehouses and reporting servers.
- Analyzed and supported the Database SQL Server Management Studio (SSMS)
- Maintained the legacy database and other tools in Access and SQL Server; compiling analysis of security policy implementation and compliance using T-SQL.
- Documented several standards and calculations existed in the database and saved them to Share Point.
- Involved in the setting up the Backup and Restore (Disaster Recovery) strategy for production and other development environments
- Work with end users to define, implement, and maintain their reporting requirements
- Provides trend analysis to the service management team to enable them to make informed decisions regarding resource management. Also sought to improve and manage maintenance of the databases to include deployments and upgrades
- Resolved blocking and deadlocking issues
- Review T-SQL queries before promotion to production

April 2014- July 2015

NSTAR Technologies
Database Administrator
- Involved in Performance tuning of slow running SQL queries and stored procedures and helped in redesigning them.
- Installed and configured SQL Server 2008 on windows server 2008
- Implemented purge process for data on transactional servers
- Perform day to day Database Maintenance task between Database Monitoring, Backups, Space Management, and Resource Utilization for performing object migration between all production database servers.
- Responsible for installation of patches and hot fixes for SQL Server 2008
- Created DB objects: tables, views, indexes, complex stored procedures and triggers using T-SQL
- Worked on database schema, table creation, index creation. Written stored procedures, triggers and functions for effective data integration for business log
- Made recommendations on systems hardware and software implementation for management approval and took responsibility for complete and timely implementation

January 2013- February 2014

Caduceus Healthcare
Database Administrator
- Responsible for installing SQL Server database instances in all environments which included: development, quality analysis, and production.
- Involved in setting up the backup and restore strategy for production and other development environments.
- Implemented and supported high availability solutions by configuring log shipping and mirroring across multiple SQL server instances.
- Engaged in disaster recovery strategic planning and implementation in SQL Server
- Responsible for the daily maintenance tasks and health check of all SQL server databases

- Automated various routine maintenance tasks: backups, index reorganization, index rebuilds on all production databases

January 2010-December 2012

Techsoft Technical Software Inc.
DBA

- Identified and troubleshoot blockings and deadlocks
- Created trace files and validated any issues on the database
- Design and schedule various maintenance plans
- Created various views, stored procedures, and triggers
- Configured log shipping, as well as schedule various jobs

Volunteer History/Affiliations

- Junior League of Atlanta
- OnBoard
- Orenda Women
- Visiting Nurses Hospice Atlanta

- Venice Regional Hospital
- North Port SDA Church Food Bank
- ENLACE Committee
- Voyages Leadership Club

Certifications/Training/Skills

- Nashville Software School: Data Analytics
- SAS Programming 1 Certificate
- Blackboard Collaborate
- Share Point
- Microsoft Certified
- CPR/AED
- BLS
- ACLS
- OSHA
- HIPAA
- Data Entry Proficiency: 15,000-20,000 KPH
- Typing Proficiency: 80-1\20 WP

Education

Master's in Public Health (Remote Program)   **August 2013-**

University of West Florida –   **August 2008 – December**
B.S. in Health Sciences, Public Health   **2012**
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