**Dolford Payne**

**Sr. SQL Database Administrator**

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**Professional Summary:**

* Over 8 years of working experience in **SQL Server Database Administration**, **Performance Analysis**, **Database Design**, **Development** and **Support** of SQL Server 2014/2012/2008/2005 in Production, Development, Test, Cluster and HA/DA Server Environment.
* Expertise in **Database Administration** on **Production Servers with server configuration, performance tuning and maintenance with outstanding troubleshooting capabilities**.
* Implemented new SQL Server 2012 technique **ALWAYS ON** for **High Availability Disaster Recovery.**
* Strong understanding of **RDBMS concepts** as well as **Data Modeling Concepts.**
* Extensive experience in implementing **HADR solutions** like **Replication, Log shipping, Clustering and mirroring on physical and virtual machines.**
* Extensively worked on **Active-Active** and **Active-Passive Clustering.**
* **Configured Transactional and Snapshot Replication**
* **Configured Synchronous and Asynchronous Mirroring for DR.**
* Experience with **Microsoft SQL Server Integration Services**
* Experience with **Policy Based Management, Resource Governor, and Transparent Data Encryption (TDE).**
* Expert in **Data Integrity**, **Performance Tuning, Query Optimization**
* Experience in **logical and physical data modeling** of the database in **ERWIN and MSVISIO**.
* **Up gradation**of SQL server versions and **applying patches** and **hot fixes**.
* **Implemented T-SQL features like Data partitioning, Error handling and Snapshot Isolation.**
* **Configured the DB SMTP mail for the notification purposes.**
* Experience in identifying the **I/O and memory**, **bottle necks, blocking** and **deadlocks** caused by complex queries using SQL Server **Activity monitor/profiler,** and handling them by implementing better **Query Execution plans.**
* Used **DBCC Utilities** to maintain the **consistency** and **integrity** of each database in the production server.
* Experience in configuring **Registered Servers, Linked Servers,** and **Multi Server** Administration.
* Extensively used the native tools like **index tuning wizard, data base tuning advisor, profiler, performance monitor, activity monitor, Event viewer** for **performance** analysis.
* Experience in comprising **Performance Tuning, Query Optimization, Client/Server Connectivity,** and **Database health Check, Indexing, Updating Statistics.**
* Extensively used **Repositories** like **Team Foundation Server (TFS), Visual source safe** and **Clear Case** for **Data Archival**.
* Strong ability in **Scheduling** and **deploying** reports on Report manager
* Experience in the development of Reports using **SQL ServerReporting Services (SSRS)** and Microsoft Access and developed Custom Report and different types of **Tabular Reports,Matrix Reports,** and **Drilldown Reports** in multiple formats using multi – dimensional objects.
* Experience in building **SSIS packages** involving ETL process, extracting data from various **flat files, Excel files, legacy systems** and loading into SQL server.
* Good understanding of different **RAID levels** implementation.

**Education:**

* **Bachelors’ of Science in Information Technology Major in Database Administrator, Minor in History**, Georgia Southern University, Statesboro, GA

**Technical Skills:**

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| **Operating System** | Windows Server 2012, 2008R2, 2008, 2005 |
| **Databases** | MS SQL Server 2014,2012,2008 R2,2008, 2005, Oracle 8i,9i, Sybase |
| **SQL Server Tools** | Management Studio, Business Intelligence Development Studio, Visual Studio 2005, Enterprise Manager, Query Analyzer, Profiler, Performance Monitor, Log Shipping, SSIS, SSRS, SSAS, Microsoft Clustering Services (MSCS), PowerShell |
| **Programming:** | T-SQL,PL-SQL,HTML,HTML5,XML,CSS,C,C++, |
| **Data Migration** | SSIS, BCP, Data Migration, Import/Export Wizard |
| **Backup Utility** | Quest Lite speed, SQL Safe, RedGate, Tivoli, Idera, Fog light |
| **Build Tools &**  **Analytical Tools** | FreeNAS, OWNCLOUD, Virtual Box, NODE-XL,  MS Project and Visio |
| **Monitoring Tools** | BMC Patrol, SQL Server Profiler and Performance Monitoring |

**Professional Experience:**

**Duke Energy, Charlotte, NC January 2015 to Current**

**Sr.SQL Server DBA**

Duke Energy Renewable Services (DERS), a subsidiary of Duke Energy, specializes in the development, ownership, and operation of various generation facilities throughout the United States. This segment of the company operates 1,700 megawatts of generation. 240 megawatts of wind generation were under construction and 1500 additional megawatts of wind generation were in planning stages.

**Responsibilities:**

* Install, Manage and administer **SQL server 2008R2\2012**SQL servers.
* Implemented **side-by-side and In-place Migration** of **MS SQL server 2005 to 2008R2** and applied **Patches and Service packs** to update different versions of **MS SQL server.**
* Implemented new **SQL Server 2012 technique ALWAYS-ON High Availability groups.**
* Building SQL 2008R2 cluster environments **on VMware/ Physical environments.**
* **Applying patches and hot fixes**.
* **Adding nodes** to already existing clustered servers as a part of data load\High availability.
* Configured **Transactional Replication and Log Shipping**.
* Fix the **Cluster and Replication issues** on SQL Server **2008R2/2012** servers with in very strong SLA’s.
* Usage of new compression Techniques in **SQL Server 2008(R2)** for backup and restore jobs.
* Implementation of SQL server logins, Roles and Authentication modes as a part of **security policies**.
* Creating and scheduling **maintenance plans** for updating statistics, checking fragmentation, checking database integrity and backup plans.
* Performed **Administrative tasks in SQL Server using PowerShell.**
* Configured **Database mail, linked servers ,Transparent Data Encryption (TDE) and Auditing**
* **Performance tuning** of databases by windows performance monitor and SQL Profiler
* Used **Index tuning wizard** to redesign and created the indexes for better performance.
* Experience working with **change control process.**
* Conducted various meetings and conferences with application teams to meet **corporate milestones for database consolidation and data migration**
* **Resource planning** and coordination for application migrations with project managers, application and web app teams.
* Handled numerous **Change Management requests** on production servers.
* **Reorganizing or Rebuilding Indexes** based on the Index fragmentation.
* Worked Extensively on **Remedy application** Database server tuning.
* Configured **Transactional replication** on migrated server.
* Extensively used **Red Gate SQL Compare** and **Data Compare** tools to compare and synchronize **SQL Database Schemas.**
* Involved in **Data Compression**, **Hot add CPU, Fact Table size reduction** and improved performance using **SQL Server 2008.**
* Experience in **transforming data** from one server to other servers using tools like Bulk Copy Program (BCP) and Data Transformation Services (DTS) and **SSIS**.
* Experience in SQL Server Reporting Services (SSRS).
* Involved in **capacity planning, sizing and database growth projects**.

**Environment:**MS SQL Server 2008R2/2012/2014, Windows 2003/2008/2012, SSRS, SSIS, SSAS, PL/SQL, MS Access, Perl script, Erwin, companion, MS SCCOM, Tivoli TSM

**Huntington Bank, Columbus, OH December 2013 to November2014**

**SQL Server DBA**

Headquartered in Columbus, Ohio, with a network of more than 700 branches and almost 1,500 ATMs across six Midwestern states. Huntington also provides auto dealer, equipment finance, national settlement and capital market services that extend beyond its core states.

**Responsibilities:**

* **Setup Always-On High availability on 2012 SQL Servers.**
* **Migrating** SQL server from **2008R2 to 2012 on standalone and cluster** environment.
* Resolve **locking** and **blocking** issues.
* **Tuning the Production server** to get the performance improvement.
* Implemented **Database Mirroring**/**Transactional Replication** as a part of **high availability and disasterrecovery.**
* Use **log shipping for synchronization of database**.
* Build **two-node/Multi-node cluster on physical/Virtual environments.**
* Checking Database Health by using **DBCC Commands and DMVS.**
* Added SQL Clustered Node to Existing Cluster for SQL Server 2008R2.
* Implementation of **SQL Logins, Roles and Authentication Modes as a part of Security Policies** for various categories of users.
* Restore Development and Staging databases from **productionbackups** as per the requirement.
* Creating **Backup strategies** and **scheduling** them as a part of database **maintenance plans.**
* To analyze **long running slow queries** and tune the same to optimize application and system performance.
* Managed **SQL Server** using **PowerShell.**
* Involved in **Change Data Capture process**.
* Performance Tuning & Establishing integrated **change control**.
* Planned the Complete Backing up of Database and Restoring the Database from Disaster Recovery.
* Documented and Created **SLAs** (Service Level Agreement) for the server availability in case of disaster.
* Configure **Transparent Data Encryption** (TDE) on Financial Applications.
* To set up SQL Server configuration settings to resolve various resource **allocation & memory issues** for SQL Server databases and to setup **ideal memory, min/max** server options.
* Played a key role in business **requirements analysis, architecture design, physical and logical Data modeling, application development, testing, training, production support and Project** review with client.
* Used Rational Clear case and AccuRev for **change management** in the **SDLC** cycle.
* To perform **installations & performance tuning**, manage **capacity planning & user accounts**, and implement database security on **SQL Servers databases.**

**Environment:**T-SQL,MS SQL SERVER 2008R2/2012, IIS Server 5.0, WINOWS SERVER NT/2003/2008R2/2012, SSIS, SSRS, SSAS.

**State of Washington, Olympia, WA November2012toDecember2013**

**SQL Server DBA**

We collaborate to connect employers and job seekers – supporting transitions to new jobs and empowering careers. The employment service was in the states made a cooperative agreement between the federal Bureau of Labor Statistics and the Washington Employment Security Department to prepare and publish current employment figures

**Responsibilities:**

* Manage **210+ Database Servers** between the **Development, Quality Assurance, User Acceptance** and **Disaster Recovery Environments**
* Built Disaster recovery environment as replica to the Production servers and Created **Custom Log-Shipping** to manageand Support **Disaster Recovery and Production Support restores**
* Administration and Troubleshooting of **Log Shipping**
* Written **stored procedures**, **cursors**, **user defined functions** and tuning and optimizing Queries in **SQL Server**
* Extensivetesting on the**performance** of the **Stored Procedures.**
* Enhanced the**coding guidelines**documentfor**SQL developers**
* Monitored the **SQL Server Jobs**, **database size**, **disk space** in SQL Server.
* Developing **Backup** &**Disaster Recovery** strategies and implementing on all production servers.
* Running **DBCC** consistency checks and fixing data corruption in application databases.
* Handled multiple **SQL Instances** on **Cluster environment** for Server Consolidation projects built on **SAN** using **RAIDlevels**
* Configured **Email notifications** thru **SMTP** to **get Alerts** and **diagnose** the **performance counters.**
* Used **Dynamic Management Views (DMV) and Functions** for monitoring the **performance** of the server
* Performed **Database Integrity Checks**, updated Database Statistics and performed **Re-indexing** through Maintenance Planner
* Controlled and Coordinated the installations **( Security Patches, Service packs )** and evaluated the performance before Pre-deployment
* Performed **SQL Server 2008 Compression Backup** and **Data Compression**
* **Perform the Node Injection to upgrade the Hardware on Cluster Servers.**
* Used **Visual Source Safe and Team foundation servers** to maintain **version control Mechanisms.**
* Configured SQL Servers with appropriate settings to resolve various **resource allocation**&**memory issues**
* Perform **capacity planning** and offer both long and short term solutions to controlling and managing database growth and space management
* Develop and implement **backup** and **recovery** strategies using both native SQL and third party technologies like **Lite Speed 4.8 and 5.0.**
* **Rebuilding the online indexes** at regular intervals **for** better **performance**

**Environment**:MS SQL Server 2005/2008, Windows 2003, Erwin, DTSX change, DTS, SQL profiler, VSS 6.0 C, HP SAN, Team Foundation Server, Lite speed 4.8, 5.0

**L.A. Care Health Plan, Los Angeles, CA June2011 to August2012**

**SQL Server DBA**

Care Health Plan is an independent local public agency created by the State of California to provide health coverage to low-income Los Angeles County residents. With more than 1.4 million members in seven product lines, L.A. Care is the nation’s largest publicly operated health plan.

**Responsibilities:**

* Monitored the complete environment for resource utilizations and to avoid any bottlenecks.
* Managing day-to-day SQL Server operations in SQL Servers **2005/2008/2008R2.**
* Creating and maintaining various databases on **Production** and **development** environments using SQL Server **2005/2008R2**.
* Managed security on Production and Development environments.
* Installing, configuring and maintaining **SQL Server 2008 R2**.
* Designing and implementing Disaster Recovery Procedures **like Log Shipping, Replication**.
* Created jobs to import/ export data obtained from various States to update the GIS servers.
* Installed and configured SQL Server Reporting Services.
* Installed necessary Service Packs for SQL server 2005.
* Installed SQL server 2005, 2008 and 2012 on a test environment to be the future production environment.
* Migrated **MS Access , MySQL database** to SQL Server 2008 R2 using **SSMA** tool
* Implemented high availability on the various servers using **replication/mirroring**..
* Created and maintained various logins and managed security based on the required access.
* Implemented and tested the point in time recovery of the production databases.
* Involved in migrating share point from one server to the other.
* Created various jobs to monitor resources on various servers and to mail the necessary information when threshold was reached.
* Optimized the **performance** of queries with modifications in T-SQL queries, removed unnecessary columns, eliminated redundant and inconsistent data ,normalized tables, established joins and created indexes whenever necessary.
* Loaded the data into another data sources (Oracle, SQL Server) using **SSIS**..
* Created the logical and physical **data modeling** using Erwin tool.
* Backing and Restoring of Databases on Scheduled basis.
* Supported technical teams involved with **MS SQL** issues and operations.
* Involved in the **maintenance** of the database.
* Scripting the Database Consistency Checks (**DBCC**), scheduling the scripts to run daily and weekly basis.
* Responsible for fine tuning of the database, troubleshooting, user administration, memory management, and running DBCC (Rebuilding Indexes and fine tuning Stored Procedures).
* Data migration using DTS services across different databases like Oracle, MS access & flat files.
* Administering the MS SQL Server by creating user logins with appropriate roles, dropping and locking the logins, monitoring the user accounts, creating of groups, granting the privileges to users and groups.

**Environment:**Windows 2000/2003, MS SQL Server 2005/2008/2012, Oracle10g/11g, SSRS, DTS, SSIS, BCP SQL Server Profiler, VB.NET, T-SQL, Erwin 4.0, Database engine tuning Advisor, IIS.

**NexTraq (formerly Discrete Wireless), Atlanta, GA July 2009 to May2011**

**SQL Server DBA**

NexTraq provides a GPS vehicle tracking and fleet management solutions in the industry. The system is a 100% web based application that enables service and distribution businesses to proactively manage fleet operations while reducing operational costs and maximizing revenue.

**Responsibilities:**

* Designed and implemented large volume data updates in the range of Terabytes of data. Currently the database handles 5 to 6 million transactions per day.
* Managed multiple SQL Server Instances.
* Managed SQL Server security, server and database roles, permissions and credentials.
* Upgraded SQL SERVER 2005 instances and to SQL Server 2008 release using **Database Upgrade Advisor Report**
* Configured SQL Server instances and databases
* Conduct weekly team meeting on the progress of the DB initiatives, DB Server incidents/ uptimes/ downtimes, server hardware capacity upgrades, status on the rollout of service packs/ hot fixes/ patches, and revisiting db best practices document, and new db support/data services requirements.
* Managed indexes using **Database Engine Tuning Advisor.**
* Maintain the table level partition using sliding window technique.
* Setup and maintain **SQL cluster** using mount points
* Set up and support **Replication** between Production and Reporting databases.
* Experienced in implementing and troubleshooting **TransactionalReplication** using the setup from snapshot and from backup.
* **Performed optimization of SQL queries using Execution Plan.**
* Maintenance of clustered and non-clustered indexes.
* Designed and created different ETL packages using SSIS from **SQL,MS ACCESS ,EXCEL** and other sources to SQL **server** as destination and vice versa.
* Hands on experience in developing Custom Report and different types of Tabular Reports, Matrix Reports, Ad hoc reports and distributed reports in multiple formats using SQL Server 2005/2008 Reporting Services (**SSRS**).
* Develop backup & restore plans for database and the log as needed using **SQL Litespeed** and also native sql server.
* Restore Development and UAT databases as and when needed.
* Job, Scheduling, batch, alert and E-mail notification setting.
* Maintain Disaster recovery strategies for the database and fail-over methods.
* Used **SQL Sentry** to provide various performance counter reports and compare different timeframes.

**Environment:**SQL Server 2000/2005/2008, Windows 2003, UNIX, MS Office tools,SSIS, DTS, Excel Macros.

**Caterpillar Inc, Peoria, IL January 2008 to July2009**

**SQL Server DBA/DEVELOPER**

Caterpillar Inc. is the world’s biggest maker of earth-moving equipment and heavy-duty engines

**Responsibilities:**

* Involved in **Upgrading the Instance of SQL Server 2000 to SQL Server 2005** in testing and production environment. Used **SSMS** for monitoring, troubleshooting and addressing database related issues.
* Implementing **Database Mirroring** using high safety with automatic failover for Disaster Recovery. Implemented New Objects according to the Business requirements. Implemented Constraints (**Primary Key, Foreign Keys Check and Not Null/Null**) and fine-tune Indexes on Tables.
* **Create and Modify Stored Procedures**, According to the business. Fine Tuning of StoredProcedures and SQL Queries. Worked with Control Flow tasks, Data flow tasks and Data flow transformations using SSIS 2005.
* Developed various reports to validate the data between source and the target systems. Involved in providing security to the reports by restricting various users through Roles. **Used Database Engine Tuning advisor** and **SQL Profiler**for **Monitoring memory**, **processor**, **Disk I/O** and **SQL Queries**.
* Performed backups, DBCC utilities, updated index statistics, monitored database and disk space, security issues and scheduled tasks.
* Created the maintenance plan for **optimization and integrity check** for all SQL servers.
* Worked on creating maintaining **DTS packages** for data extraction.
* Created regular backups of databases and transaction logs.
* Created & maintained databases, table spaces, users, tables, indexes, store procedures, roles, profiles, partitions and other schema objects.
* Involved in creation of Stored Procedures to support the front-end web teams.

**Environment:** Microsoft SQL Server 2005/2000, DB2, Windows 2003 Enterprise server, Windows 2000 Advanced Server, Visual Source Safe 6.0, Crystal Reports, Business Intelligence Development Studio.