**Daniel Edwards**

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SQL Server Database Administrator

**Summary:**

* **Around 7 years** of experience in **Database administration**, **development** and **support** of SQL Server 2014/2012/2008/2005.
* Experience in **installing**, **configuring** and **upgrading** of SQL Server 2014/2012/2008/2005 applying **Service Packs** and **Hot Fixes**.
* Wide knowledge on Implementing and monitoring of security at **Server**, **Database** and **Objects** level.
* Experience in performing **Backup & Restore** using different backup medias, Involved in creating &**documenting Backup strategy**&**Disaster Recovery plan** for production and development servers within specified maintenance Window.
* Actively involved in Installation, Configuration and Maintenance of Microsoft SQL Server **Active/Active, Active/Passive Clustering**.
* Configured a ‘warm standby’ by implementing **Log Shipping** as a fault tolerance mechanism for some of the critical operational databases.
* Proficient with **SQL Enterprise Manager**, **SQL Query Analyzer**, scheduling jobs with **SQL Server Agent**, **SQL Profiler**, restoring database using full, differential, and transactional log backups.
* Good experience in **Automation Configuration** by Creating Jobs, Alerts and Maintenance plans.
* Hands on experience with **SQL Server Management Studio** and **T-SQL** in constructing triggers, tables, user functions, views, indexes, covering indexes, user profiles, relational database models, data dictionaries, and data integrity.
* Hands on experience on using **Extraction, Transformation and Loading** (**ETL**) tools like **Data Transformation Services** (**DTS**), **SQL Server Integration Services** (**SSIS**), **BCP** and **Bulk Insert**.
* Experience in **Importing/Exporting Data** from various data sources like Excel, Oracle and Flat file using BCP, Bulk Insert & DTS utility.
* Hands on experience setting up Resource Governor for **performance tuning**.
* Knowledge on SQL Server and Database Monitoring & Tuning for better performance using different tools like **Database Tuning Advisor**, **Systems Performance Monitor**, **Event viewer**, **SQL Profiler**.
* Extensive knowledge in resolving **Deadlocks**, **Optimizing SQL queries**, **Stored Procedures** to improve performance to the optimal level.
* Experience in implementing database **consistency checks** using **DBCC** utilities.
* Experience in connecting remote SQL servers as **Linked Servers**.
* Good Knowledge of RDBMS and Database design issues like Normalization and De-normalization.
* Experience in **Data Modeling** using **Erwin** Design Tool.
* Worked with third party monitoring tools like **Idera diagnostic manager**, **Quest lite speed**

**Technical Skills:**

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| **Operating Systems** | Windows Server 2012, 2008R2, 2008, 2003 |
| **Databases** | Microsoft SQL Server 2014/2012/2008R2/2008/2005/2000 |
| **Programing Languages** | T-SQL,SQL,PL/SQL, PowerShell, HTML, C#, C/C++ &XML |
| **Database / ETL Tools** | SQL Server Integration Services (SSIS), SSAS, DTS, Query Analyzer, SQL Profiler, TOAD |
| **Reporting Tools** | SQL Server Reporting services (SSRS) , Cognos, Business Objects, Report Builder |
| **Third Party Tools** | SQL Lite speed, IDERA, ERwin Data Modeler and SQL Compare, TFS, JIRA, BMC Patrol |
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**Professional Experience:**

**Pacific Life,Boca Raton, FL July 2015 to Present**

**Sr. SQL Server Database Administrator**

Pacific Life Insurance Company's organization is relatively unique as we are part of a mutual holding company structure; therefore, policy and contract owners are members of the company and we are not driven by stock price when making decisions. The Project included administration, maintenance and migration of databases.

**Responsibilities:**

* Expertise in **installing and configuring of Microsoft server 2014 for database administration and development.**
* Implemented and Maintained Clustering (**active/active, active/passive**) as a high availability procedure.
* Implemented and Maintained **Transactional and Snapshot Replication** for reporting purposes.
* Involved in troubleshooting and **fine-tuning of databases** for its performance and concurrency.
* Scheduling jobs and monitoring and troubleshooting them.
* Performing **query optimization** and **performance tuning using native tools** like performance monitor, resource monitor, profiler, DMV’S and built in performance reports.
* Resolving **blocking and deadlock issues** using activity monitor and system stored procedures.
* Applying required **Service Packs**, **Hotfixes** and any Critical Security Updates in clustered and standalone servers.
* Creating logins and database users, roles and providing permissions to users and roles according to the requirement and security policy.
* Deploying reports in reporting server and Creating and providing **permissions to users** on reports in a reporting server.
* Worked in designing of **SSIS packages** for integrating data using OLE DB connection from heterogeneous sources(Excel,CSV,Flat file,Text format data) by using multiple transformations provided by SSIS such as Aggregate, Data conversion, conditional split, bulk insert, fuzzy grouping.
* **Moving/Copying of Databases** from one server to another server using Backup-restore, Attach and detach methods and refreshing databases in development, QA and stage environments using production backup.
* **Resolving SCOM alerts** and implemented maintenance plans for Re-indexing/Reorganizing Indexes and for performing DBCC checks on databases and updating statistics for smooth execution of queries and purging old files for preventing space issue.
* Designed scripts using T-SQL for getting information about history of backups and restoration, database space utilization, alert for critical errors or events, resource intensive queries and general monitoring and maintenance tasks

**Environment:**

SQL Server 2014/2012/2008R2, Windows Server 2008(x64), SQL Server Management Studio, T-SQL,SQL Profiler, Activity Monitor, Data Collector ,Performance Monitor, Database Tuning Advisor , SCOM, SSRS, SSIS

**Mass Health, Boston, MA Aug 2013 to June 2015**

**Sr. SQL Server DBA**

I was involved in more than 30 different Health Care Vendor application projects which demand 24/7 support. In addition to this, I was part of the Migration which at the time was the prime focus of the company’s development initiatives.

**Responsibilities:**

* Responsible for **installing and maintaining SQL 2008 R2, SQL 2012 Cluster environment**.
* Performed **migrations from SQL server 2008R2 to SQL server 2012**.
* Applying existing servers with relevant **Service Packs**, **Hotfixes** and any Critical Security Updates released by Microsoft.
* Implemented **High availability & Disaster Recovery procedures**, Cluster (**active/active, active/ passive)**, **DB Mirror**, **Replication and log shipping**.
* Implementing backup, restores and log shipping using **Litespeed** tool.
* Managing **alerts**, managing **security**, **Re-indexing/Reorganizing Indexes**, performing **DBCC checks.**
* Monitoring **locking/blocking**and **space management** issues.
* Scheduling jobs and monitoring and troubleshooting them.
* **Moving/Copying of Databases from one server to another server** using **Backup-restore**, **Attach and detach methods**.
* Involved in **troubleshooting and fine-tuning** of databases for its performance and concurrency.
* Implementation of **SQL Logins**, **roles and Authentication Modes** as a part of Security Policies for various categories of users.
* **Scheduled Backup/Recovery jobs** and developed **Disaster Recovery Plans**.
* Expert in Using **DMV’s, Performance dash board, Mirroring, database snapshot**.
* Analyzed long running /slow queries and tune the same to optimize application and system performance.
* Created and maintained data objects such as tables, views, indexes, referential integrity depending on user requirements and converting them to technical specifications.
* Expert in design and development of **SQL Server Integration Services** (**SSIS**) packages and using various control flow task and data flow transformation.
* Involved in various projects from start to production deployment, guiding development team for efficient **performance and planning capacity**.
* Provided **24x7 Production support** for the database and application issues.

**Environment:**

Microsoft SQL Server 2012/2008 R2/2008, Windows 2012/2008 Servers, T-SQL, SQL Server Profiler, SSIS

**General Motors, Detroit, MI Jan 2012 to Aug 2013**

**SQL Server Production DBA**

General Motors are passionate about designing, building and selling the world’s best vehicles. General Motor Supplier Management Application is huge software and has been developed by using different tools. The application has subdivided into two parts: one for supplier and one for Company. The company parts of the application manages the supplier and provides an option of looking report of a particular supplier on the basis of demographic, time, products and channel. Only Authorize person can enter in this web application and get historical statistics of supplier and product by selecting different option

**Responsibilities:**

* **Installed, upgraded and configured SQL Server 2012, 2008R2** for several applications with latest service packs
* **Migration of SQL Server 2005 Databases and In place Upgrade from SQL 2005 to SQL 2012**
* **Administrated and managed** SQL Server 2012/2008R2/2008/2005 databases in production, Staging, QA and development environments.
* Experience **in Database Mirroring**, **Database Snapshotand Isolation** Levels.
* Ensure the **compatibility level changes** and **perform database checkup routines** to ensure consistency and integrity is preserved
* Capture performance baselines for old and new environments using perfmon.
* Daily periodically monitored performance using both **System Monitor and Profiler**.
* Proficiency in developing **Maintenance plans**, **backup**, **recovery strategies** and **Rebuild/Reorganize strategies.**
* Reviewing and verifying **Database backup details**, **Database user privileges**, **Inactive user accounts.**
* Monitoring Year Old **SQL Authenticated accounts**, **Sys Admin Accounts** and **Password Policy Check** for SQL Accounts.
* Experience with **moving physical data and log file**from one drive to another drive.
* **Monitoring CPU resource usage** and **SQL Server disk management.**
* **Configured Database mail** and **linked servers** between SQL Server to SQL Server, SQL to Oracle Servers, and SQL to MS Access Databases
* Periodically (daily, weekly, or monthly) performed a **database reorganization** on all the indexes on all the tables in all databases to rebuild the Indexes so that the data is no longer logically fragmented.
* Implemented and maintained **Transaction replication**, **Mirroring** for high availability.
* Applying **service packs** for old and new environments according to the Enterprise Architecture standards
* Working on Visual studio 2010, 2012 and on **TFS** to deploy projects
* Good Knowledge of using SSRS (SQL Server Reporting Services).
* Experience with the **IP Compliance Check** list to get the performance report of the Server.
* Ran **DBCC CHECKDB** on all the databases to verify database integrity after migrating.

**Environment:**

MS SQL Server 2005/2008/2008R2/2012, (SSIS) and MS SQL Server Reporting Services (SSRS), SQL Agent, SQL Profiler, Database Tuning Advisor, Database Mail, T- SQL,Windows2003/2008 Visual Studio, TFS

**T-Mobile, Bothell, WA July 2010 toDec 2011**

**Microsoft SQL Server DBA**

T-Mobile US, Inc. (NYSE: "TMUS") is a publicly traded company.Deutsche Telekom AG (OTCQX: "DTEGY") maintains a 67% ownership of T-Mobile US, Inc. common stock. Deutsche Telekom is one of the largest telecommunications companies in the world, with nearly 130 million customers worldwide.

**Responsibilities:**

* Installing SQL Server 2005 and 2008 and administration of nearly **100+ servers ensuring zero downtime.**
* **Installed and Configured** SQL Server 2005 and 2008.
* **Upgraded** the existing database to SQL Server 2005.
* Involved in setting up, managing and maintaining High availability technologies **: Log shipping ,Mirroring and Replication.**
* Involved in implementation of replications like **Snapshot and Transactional**.
* Worked onSQL Server **Clusters Active - Passive**on mission critical financial applications.
* Involved in **Partitioning Databases** and Tables for better Performance issues.
* Implemented **Databases log shipping** using the Lite-speed.
* **Security Compliance** on the servers to bring the server under compliance and security policies.
* Involved in upgrading the instance of development environment of SQL Server 2000 to 2005.
* Defined report layouts **including report parameters, Created parameterized, drill down and aggregation reports** in MS SQL environment using **SSRS 2005/2008**.
* Resolving locking (**Dead Locks**) and blocking issues.
* Hands-on working experience with analyzing query plans, managing indexes and locks, troubleshooting deadlocks, managing triggers.
* Automate and enhance daily administrative tasks, including **space management, object alteration, backup & recovery and performance monitoring.**
* Involved in **SQL Server Cluster** and **Database Mirroring** implementation.
* Capacity-planning, Maintaining run book documentation on all the servers in word, pdf and excel formats.
* Worked as a team member for 24X7 on call production support.

**Environment:**

MS SQL Server 2000/2005/2008, Business Intelligence – MS SQL Server Integrated Services (SSIS) and MS SQL Server Reporting Services (SSRS), SQL Agent, SQL Profiler, Database Tuning Advisor, T- SQL,Windows2003/2008 server.

**ACO Corporation, Virginia Beach, VA July 2009 to June 2010**

**ETL / Business Analyst**

The ACO brand worldwide stands for the uncompromising quality and performance commitment of the ACO Group. Part of our strategy is to bundle all of the core business activities involved in drainage within one strong and dependable brand. Nevertheless, our distribution and service organizations focus on the specific needs of the specialists working for our clients. The Project was on migrating objects from various development and testing environments by maintaining consistency on new environment

**Responsibilities:**

* Involved in complete Software Development Lifecycle Experience **(SDLC) from Business Analysis to Development, Testing, Deployment and Documentation.**
* Architecture and design support to provide solution for **business initiated requests/ projects**
* Analyzed the functional specs provided by the **data architect and created technical specs document for all the mappings.**
* Migrated objects from the development environment to the QA/testing environment to facilitate the testing of all objects **developed and check their consistency end to end on the new environment.**
* Involved in business analysis and **technical design sessions with business and technical staff to develop**
* Performance tuned and optimized various complex **SQL queries.**
* Prepared user requirement **documentation for mapping and additional functionality.**
* Analyzed current system and **programs and prepared gap analysis documents**
* Experience in Performance tuning & Optimization of **SQL statements using SQL trace**
* Created several **TD scripts for the ETL and DBA needs**
* Coordinated with the **business analysts and developers to discuss issues in interpreting the requirements**
* Created stored procedures using in **MS SQL Server**
* Wrote complex SQL override scripts at source qualifier level to **avoid Informatica joiners and Look-ups to improve the performance as the volume of the data was heavy.**
* Responsible for creating workflows. **Created Session, Event, Command, and Control Decision and Email tasks in Workflow Manager**
* Prepared user requirement documentation for **mapping and additional functionality.**
* Responsible for conversion of Informix-based client data **transfers to Oracle-based electronic reporting system**
* Extensively used **ETL to load data using Power Center from source systems like Flat Files into staging tables and load the data into the target database Oracle. Analyzed the existing systems and made a Feasibility Study.**

**Environment**: SQL Server 2005/2008, MY SQL, PL/SQL, Informatica, Oracle, ETL, MS SQL Server, SQL Agent, SQL Profiler, Database Tuning Advisor, T- SQL,Windows2003/2008 server.

**Education:**

* **B.S Sport Management Business, Georgia Southern University.**