**Grant Armstrong**

**(Corp to Corp Only)**

**Summary:**

* Around 7 years of experience in **Database administration**, **development** and **support** of SQL Server 2012/2008/2005.
* Experience in **installing**, **configuring** and **upgrading** of SQL Server 2012/2008/2005 applying **Service Packs** and **Hot Fixes**.
* Experience in Creation and Maintenance of Databases.
* 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.
* Knowledge on Oracle Architecture. Performed maintenance tasks like taking backups using RMAN, performance tuning using TKProf, creating objects like packages, procedures, functions.
* Experience in **Data Modeling** using **Erwin** Design Tool.
* Worked with third party monitoring tools like **Idera diagnostic manager**, **Quest lite speed**.

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**Technical Skills:**

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| **Operating Systems** | Windows Server 2012, 2008R2, 2008, 2003 |
| **Databases** | Microsoft SQL Server 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 Tolls** | SQL Server Reporting services (SSRS) and Report Builder |
| **Third Party Tools** | SQL Lite speed, IDERA, ERwin Data Modeler and SQL Compare, TFS, JIRA, BMC Petrol |
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**Professional Experience:**

**Epicor (QuantiSense), Atlanta, GA Jun 2013 to Present**

**SQL Server Database Administrator**

Epicor Software Corporation is a global leader delivering inspired business software solutions to the manufacturing, distribution, retail and services industries. Epicor completely acquired QuantiSense which is a leading cloud retail analytics provider. With over 40 years of experience serving small, midmarket and larger enterprises, Epicor has more than 20,000 customers in over 150 countries. Epicor enterprise resource planning (ERP), retail management software, supply chain management (SCM), and human capital management (HCM) enable companies to drive increased efficiency and improve profitability.

**Responsibilities:**

* Responsible for **Installation**, **Configuration** and **Complete Administration** of SQL Server 2012 on windows 2012 Servers.
* Involved in **Set up**, **configuration** and **maintenance** of Database Mirroring.
* Involved in installation of **service packs** and **hot fixes**.
* Implemented **Database Mirroring** and **Log Shipping** to provide high availability.
* Responsible for **Backup and Restore operations** of Databases and Transaction logs on daily basis. Created Backup Strategies and Scheduled Backups for Disaster Recovery.
* Implemented and maintained **Database Security operations** such as Creating users, logins, Assigning Roles and assigning privileges at Server and Database Level.
* Scheduled and monitored all maintenance activities including **database consistency checks, index defragmentation issues** using the **DBCC** commands.
* Worked on **SQL Profiler**, **Tuning Advisor** (**DTA**), **Windows Performance Monitor** with various **objects & Counters**, and DBCC commands to record and enhance the overall performance.
* Ensured all Scheduled Administrative Jobs like **Backup & Restore** are running completed on time.
* Worked on monitoring and **tuning of SQL scripts** and long running queries.
* Used SQL Profiler for **Monitoring memory, processor, Disk I/O, SQL Queries**.
* Transformed data to and from various data sources by creating SSIS packages. Used BCP command line utility for **data import/ Export**.
* Extracted data using **SSIS packages** (ETL) from different server locations and data sources like Excel, CSV, flat file, and Text Format Data, and load data using Lookup, Fuzzy Lookup, Derived Columns, Condition Split, Term Extraction, Aggregate.
* Used **SSIS** to create ETL packages to Validate, Extract, Transform and Load data.
* Resolved **Deadlocking**, **Blocking** and **locking issues** by creating a trace using SQL Profiler.
* Created **database objects** like tables, stored procedures, indexes, views, triggers, functions and cursors using T-SQL statements, worked with DML and DDL for retrieval and modification of the data.
* Wrote **complex Queries & Stored Procedures** to generate reports every day for Server’s Health check.

**Environment:**

SQL Server 2012, Windows 2012/2008 R2 Server, SQL Server Management Studio, SSIS, Query Analyzer, SQL Profiler

**Super Media LLC, Marlton, NJ. Jan 2012 to May 2013**

**SQL Server DBA**

Super Media is the leading provider of marketing solutions for local businesses. Partnered with local businesses across the U.S. to help them get found, get chosen, and get talked about. Super Media passionate about helping clients create and grow their customer relationships by providing comprehensive marketing solutions that include websites, print, mobile, social media, and search engine marketing solutions.

**Responsibilities:**

* **Installation and Maintenance** of SQL Server 2012/2008 R2 on Test, Development and Production Environments.
* Implemented **AlwaysOn** High Availability in Microsoft SQL Server 2012.
* Involved in **Major Migration Projects between data centers**.
* Implemented and Maintained **SQL Server Replication**.
* Design and implementing **security configurations** using best practices and standards
* Implementing and maintaining **SOX controls** and best practices for database security **under SOX compliance.**
* Working on role based **security models** along with understanding of **Active Directory** best practices for databases/applications
* Worked on huge projects like **Data Center move and IP address change** of all the SQL Servers, Upgrading Production Servers and documenting the process.
* Created **Linked Servers** between different Servers in SQL Server 2012 and SQL Server 2008 Environments and also between 32 and 64 bit Servers to access database objects in remote locations.
* Performed **database consistency checks** using **DBCC Utilities** and **handling data corruption** in user databases and identifying the bottlenecks caused by complex queries using **Activity Monitor**, **SQL Profiler** and **Performance Monitor**.
* Used native tools like **SQL SENTRY** **Database Tuning Advisor**, **SQL Server Profiler**, Performance Monitor and Activity Monitor for performance tuning.
* Designed the **Database Recovery** Plan and implemented the Database Mirroring in SQL Server 2008/2005 and participated in **Disaster Recovery Drill** processes.
* Designed and developed a full-scale reporting solution for a multi-client environment using Microsoft SQL Server 2008 and Microsoft SSRS 2008/2012.
* Created **Tables**, **Triggers**, **Cursors** and modifying **Stored Procedures** with change requests sent from development teams and working closely with Web/Change Management teams.
* Created **SSIS Packages** to get data from other sources to some of the SQL servers and scheduling them as daily and weekly jobs.
* Created a **SSIS Replication package** from Production to 12 pool servers.
* Created **Logins and Roles** with appropriate Permissions.
* Fixed the **failed PRINCIPALS** (**logins**), **user permissions** and **securit**y in **Active Directory** and at the SQL Server Level.
* Used **IDERA SQL Diagnostic Manager** for Performance monitoring, analyzing and troubleshooting.

**Environment:**

Microsoft SQL Server 2012/2008 R2/2008, Microsoft Windows 2012/2008 Servers, IIS 7.5, XML, Red Gate, IDERA, TFS Source Control, JIRA.

**Trust Mark Insurance Chicago, IL Oct 2010 to Jan 2012**

**SQL Server Production DBA**

Trustmark provides access to a full spectrum of flexible benefit solutions, including health plan administration for self-funded employer groups, payroll-deducted voluntary products, group medical benefits, and health and fitness management programs. Project was to performed huge data transfers between various servers.

**Responsibilities:**

* Involved in **installation**, **configuration**, and **upgrade** Microsoft SQL Server 2005/2008 servers.
* Performed **huge data transfers** between various servers using **BCP** and **SSIS** for developer requests, **Environment Migrations**, **Backing up** and **Archiving Data** for various business requests.
* **Migration/Moving database servers** between different platforms/locations and setting up test, QA and production database environments.
* Experience in using **SQL Server Profiler**, **SQL Server Agent**, and **Database Engine Tuning Advisor** (**DTA**).
* **Security Administration** by creating user logins with appropriate roles, dropping and locking the logins, monitoring the user accounts, creation of groups, granted privileges to users and groups.
* Created **Databases and Database Objects** like Tables, Stored Procedures, Views, Triggers, Rules, Defaults, user defined data types and functions.
* Monitoring the **data files**, **log file space issues**, **blockings**, **Temp DB space issues**.
* Performed **backup and restore** by using SQL Server 2005 tools like **SQL Server Management** **Studio**, **SQL Server Profiler**, **SQL Server Agent**, and **Database Engine Tuning Advisor**.
* Setting up monitoring through **batch scripts**.
* Responsible for monitoring and making recommendations for **performance improvement** in hosted databases. This involved index creation, index removal, index modification, file group modifications, and adding scheduled jobs to re-index and update statistics in databases.
* Installing, upgrading and applying the latest **service packs/hot fixes**.
* Provided High availability through **Log Shipping**, **Mirroring**, **Replication** (Transactional)
* Production database administration of **highly critical databases**.

**Environment:**

Windows 2008/2005, Microsoft SQL 2008/2005, SSIS, SSRS, System Monitor / Performance Monitor, BMC Patrol, Lite Speed.

**Shelter Insurance, Carbondale, IL March 2010 to Oct2010**

**Microsoft SQL Server DBA**

Shelter Insurance is a Mutual insurance company which focuses on Auto, Home, Life, Renters, Business, and Farm coverage. The objective of the project was to enhance the existing web portal for maximizing flexibility and optimizing customer experience by maintaining their clustered servers.

**Responsibilities:**

* Installed new **Microsoft SQL Server 2005 for SAP** and **maintained 10 clustered servers** with **size of the DB at 3.5 TB.**
* Implemented SQL logins, roles and authentication modes as a part of security policies for various categories of **user support**.
* Extensively used **ETL and SSIS** tool to load data from Excel spreadsheets, flat files, and xml files into the target SQL Server database.
* Designed and developed reports using **reporting services** on Microsoft SQL 2005 platform.
* Implemented database maintenance plan for new Microsoft SQL server 2005 databases.
* Implemented **data partitioning** for new Microsoft SQL Server 2005 databases and created partition function, partition scheme mapped to a partition function and created the table on the partition scheme.
* Restructured the stored procedure, designed, coded and developed the same using the Microsoft SQL **Server Integration services** (**SSIS**).
* Prepared **ad-hoc reports** using Microsoft SQL server reporting services.
* Set up **alerts**, **operators**, **SQL mail**, **SQL agent** **mail**, and **notifications**.
* Set up and scheduled jobs that **performed backups** and **database structure checks**.
* Monitored Microsoft SQL servers for errors and performance degradation.
* Performed all aspects of database administration, including backup, recovery, and replication for Microsoft SQL server 2005.
* using Performance **Monitor/Profiler /Activity Monitor** to resolve Dead Locks, Long Running Queries and Bottlenecks caused by complex Queries.
* Monitor and Troubleshoot of Performance Issue like Long Running / High Insensitive Queries using and **SCOM** alerts
* Coordinated with SQL Server Integration Services in 2005 for moving **DTS** packages.
* Troubleshot and fine-tuned databases for its performance and concurrency.
* Exported and imported data from other data sources, such as, flat files using import/export of DTS.
* Maintained database consistency with **DMV’s/DMF’s** at regular intervals.
* Developed various reports and reporting interfaces utilizing **Microsoft SQL Reporting Services** (**SSRS**) and deploying them on **Report Server** using Report Manager.
* Analyzed some of the long running slow queries and tuned the same to optimize application and system performance.
* Migrated database object using **SSMA** (SQL Server Migration Assistant).
* Conducted database upgrade planning from SQL server 2000 to SQL server 2005.

**Environment:**

Microsoft SQL Server 2005, SSIS, SSAS, SSRS, T-SQL, DTS, Win2003, Oracle 8i, Teradata, My SQL, C#, MS Visual Studio VB.Net , ASP.Net 3.0, HTML, Java Script, CSS, SAP, Linux.

**Citigroup, New York City, NY Jan 2008 to Mar 2010**

**SQL Server Database Administrator / Developer**

Citi Vision aggregates vital client information from 90 countries in a way which permits each user to develop a customized view of the information needed by them. The entire personalized information is stored in the back-end as SQL server.

**Responsibilities:**

* Involved in **upgrading the instance of SQL Server 2000 to SQL Server 2005** in testing and production environment.
* Used **SQL Server Management Studio** (**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.
* Fine Tuning of Stored Procedures 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.
* **Configured Log shipping** from one production server to the reporting server. Implemented built in log shipping with SQL Server 2000 for disaster recovery server. Creating the Packages for running the jobs automatically good in Implementing SQL Server security and process control.
* Creating users and assigning permissions in the **DEV box**.
* Creating **back up strategies** and scheduling them for execution.
* Created the **Microsoft DTS packages** for executing the required tasks. Created the Jobs and scheduled for daily running.
* Involved in **Performance tuning** for source databases.
* Knowledge of **VPN networks** and used VPN extensively to connect to Citibank Networks from home.

**Environment**:

Microsoft SQL Server 2005/2000, DB2, Windows 2003 Enterprise Server, Windows 2000 Advanced Server, Visual Source Safe 6.0, Crystal Reports.

**EDUCATION:**

**AS in computer Science, Marietta, GA**