**Sharad Choudary**

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**Summary:**

* **7+years** of IT experience in SQL Server **Database Administration**, **Design System Analysis**, **Testing**, **Development** and **Support** of Microsoft SQL server 2012, 2008R2/2008, 2005 in PRODUCTION, DEVELOPMENT, QA and UAT Environments.
* Experience in database administration and development activities like **Installation**, **Configuration**, **Database design & development**, **Data modeling**, **Backup & Recovery**, **Disaster Recovery**, **Performance tuning** and **Query Optimization**, **Data Transformation Services**, **Database Security** and **Patching** SQL server.
* Expert in **Upgrading server from Microsoft SQL Server 2005 and 2008R2 to Microsoft SQL Server 2012** and Patched SQL server and Expert in **handling OLTP and OLAP environment in 24x7 and on call basis**.
* Expert in working with VLDB 3 TB database in production, development and Test environment and 40 TB Very large environments.
* Implemented **Disaster Recovery Solutions** by configuring SQL Server in **Log Shipping**, **Mirroring** and **replication Environments**.
* Expert skills in **Performance Tuning** SQL Servers for Index Fragmentation, Query Plans and Deadlocks.
* Successfully tested and implemented **Log Shipping Technique** used for **hot backup solution** for Microsoft SQL Server databases.
* Expertise in **database Backup**, **Recovery** and **Disaster Recovery** procedures that alert lead developers / key functional users when it finds any issues. Developed and documented disaster recovery plans and **backup and recovery strategies** for production environment.
* Managed MS SQL Servers in **Virtual Environments** using **VMWARE**.
* Strong ability in **defining query** for generating **drill down reports in SSRS 2005**.
* Strong proficiency in **SSAS cubes** development and processing including dimensions and measures design, Perspectives.
* Extensive experience in **SQL Server development**, **stored procedures**, **User defined functions**, **Triggers**, **Views**, **Indexes**, **data integrity**.
* Experience in **query optimization** and **performance tuning**. Used **SQL Profiler**, **Execution Plan**, **Performance Monitor** and **DBCC Commands** and **DMV**s.
* Experience working with **database developers**, **administrators** and other **engineering and technical teams** resolving technical issues related to the design, analysis, administration & support of database applications in development.

**Education:** BS in Information Technology, University of Memphis

**Technical Skills:**

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| --- | --- |
| **Operating Systems** | Windows Server 2012, 2008R2, 2008, 2005 |
| **Databases** | Microsoft SQL Server 2012, 2008, 2005, 2000 |
| **Programming Languages** | T-SQL,SQL,PL/SQL, PowerShell, HTML, C#, C/C++, XML, Visual Studio |
| **Database / ETL Tools** | SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS), DTS, Query Analyzer, SQL Profiler, TOAD, SQL Server Management Studio, SQL Server Agent |
| **Reporting Tolls** | SQL Server Reporting Services (SSRS) and Report Builder |
| **Third Party Tools** | SQLLite speed, IDERA, VMware, TSRM, SQL Sentry, Erwin Data Modeler, Spotlight, Orion |
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**Professional Experience:**

**Humana Inc., Delray Beach, FL   Jan 2015 to Present**

**Sr. SQL Server DBA**

Humana is a for-Profit Health Care company that markets and administers health insurance in United States. In 2013 the company ranked 73 on fortune 500, which makes it the highest ranked company based in Kentucky. It is the third largest health provider in United States; The Project was to managed and administrated SQL servers. Implementing and Maintaining DBA, Support and troubleshooting production and non-Production issues.

**Responsibilities:**

* Managed and Administrated SQL Server **2014/2012/2008R2/2008 production and Non-production servers**.
* Real time trouble shooting production issues during on call schedule with minimum time lines in resolving issues.
* Worked as a team to maintain 100 percent up time to keep the environment running irrespective of any infrastructural changes in the environment.
* **Installed and configured SQL 2014/2008R2 and 2012** servers in clustered and non-clustered environments.
* Worked on configuring high availability like Clustering, Database mirroring and transactional replication. Worked on resolving clustering, Database mirroring and transactional replication issues
* Analyzed SQL Servers and Databases and came up with a plan for consolidation based on usage, performance, and compatibility.
* Implemented and Maintained routine DBA tasks like **scheduling jobs with Control M, creating maintenance plans.** Checked servers for **optimizations** and implemented them.
* Performed daily tasks including backup and restore by using SQL Server tools like SQL Server Management Studio, SQL Server Profiler, SQL Server Agent, and Database Engine Tuning Advisor.
* Implementation of **SQL Principle, T-SQL, Securable, Permission, Roles** and **Authentication Modes** as a part of **Security Policies** for various categories of users.
* Monitored all databases status including CPU, Memory, I/O, Space Management, Backup and Recovery.
* Developed **Automated Backup jobs and DBCC scripts** for databases and transaction logs.
* Responsible for **Monitoring** and **Troubleshooting SQL Jobs**, **Scheduled Tasks, Disk spaces**, **error logs and making recommendations for performance** improvement in **hosted databases which involved index creation, index removal, file group modifications, and scheduling jobs to rebuild/reorg. indexes and update statistics.**
* Implemented and executed successful Disaster recovery test for multiple databases to ensure redundancy of databases and complex T-SQL Queries to improve query execution process.
* Successfully participated in planning strategy for **physical relocation** of **Datacenter**
* Designed and developed **SSIS packages using different control flow tasks, Transformations and dataflow tasks**.

**Environment:**

Microsoft SQL Server 2014/2012/2008R2/2008, SSIS, OLAP, OLTP, SQL Server Management Studio, SQL Server Profiler, SQL Server Agent, Microsoft Visio

**Selective Insurance, Branchville, NJ Jan 2013 to Jan 2015**

**Sr. SQL Server DBA**

Selective is a customer focused, regional company providing a broad range of insurance and alternative risk management products and services. Selective is a super-regional property and casualty insurance provider with operations throughout the U.S. We also are the 6th largest writer of flood insurance from the federal National Flood Insurance Program.

**Responsibilities:**

* Installed **SQL SERVER 2008/2008R2/2012 FAILOVER Cluster** and standalone installation on **Windows Server 2008** R2 64 bit system in **PROD/TEST/DEV** from scratch.
* Installed and administrated **SSRS 2008/2008r2/2012** on **Windows Server 2008 r2 64 bit.**
* Practiced the **DR (disaster recovery exercise)** at SunGard for **SQL Server 2008/200r82/2012.**
* Setup the **Transactional Replication** for the reporting purpose
* Set up the **active-active clusters.**
* Implemented **Transactional Log shipping** and **mirroring** for database high availability.
* Regularly installed **service packs** and hot fixes for both **clustered** and **standalone environment.**
* Configured the alerts and jobs for the regular monitoring of the **database Server.**
* Extensively used the **Orion monitoring too**l at OS level.
* Used native tools **DATABASE TUNING ADVISOR, PROFILER, PREFMONCE** and **ACTIVITY MONITOR.**
* Regularly deployed the **reports** and configured the subscriptions for automated email delivery of the reports.
* Configured the **DB SMTP mail** for the notification purposes.
* Developed **SSIS package in SQL Server 2012** to build the content data for the application.
* Scheduled agent jobs for **database backup** and windows task to clean up the file system using **VB Script.**
* Configured **Linked Servers** between different **servers.**
* Used the **DMV and DMF** for the performance data collection and monitoring.
* Implementation of **SQL Logins, Roles and Authentication Modes as a part of Security in SQL Server and SSRS.**
* Implemented **SQL Audit 2008 and Server Side** trace for auditing at server and database level on **SQL Server 2008.**
* Identified, tested, and resolved database performance issues **(monitoring and tuning)** to ensure database optimization.
* Used the **cots products** like **Titanium with ESIR (enterprise System Image Retrieval)**
* Administered the **SQL Server 2008 R2** for the **Microsoft Dynamics GP 2010(Great Plains Software)**
* Used **BULK INSERT** to import the data from **flat files.**
* Implemented **T-SQL features like Data partitioning, Error handling, Common Table Expression (CTE) and Snapshot Isolation.**
* Used the **TFS and Rational Clear case** for change management in the **SDLC cycle**
* Provided 24X7 support and team player during production outage.

**Environment:**

MSSQL SERVER 2012/2008/2008R2,SSRS, QUERY ANALYSER, VISUAL STUDIO 2005 ,VB.NET,C#,WINOWS SERVER 2008,IIS,Orion

**ALTICOR, Grand Rapids, MI Aug 2011 to Dec 2012**

**Sr. SQL Server DBA**

Alticor is a global company offering products, business opportunities, and manufacturing and logistics services in more than 100 countries and territories worldwide. I was responsible for maintenance of existing database and worked start from scratch. DB tuning, hard coded valued made automated in stored procedures, Scheduled jobs, DTS packages, Created Views, created Indexes at the time of db tuning.

**Responsibilities:**

* Involved in **installation**, **configuration**, and **Up gradation** of MS SQL Server 2005/2008 servers.
* Involved in Database Up gradation and **Migration** of SQL2005 to SQL2008 and co-ordinate all Upgrade activities.
* Worked on SQL server **clustering** to provide an active and passive node, SAN storage with RAID 10 implemented on Dell servers, VIP pool to manage the IP address of SQL servers.
* Configured SQL **Mirroring** ,**Log shipping** and **Replication**
* Performed data transfers between various servers using **BCP** and **SSIS** for developer requests, Environment Migrations, Backing up and Archiving Data for various business requests.
* Exported and imported data from text files and Excel to SQL Server using **bulk insert** and **BCP** utility.
* **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.
* **Backup** and **recovery** of production databases and Monitor data and log growth, Jobs, Alerts, disk usage and cleanups using 3rd party tool Lite speed.
* Worked on backup and recovery strategies for SQL Server databases (e.g. **Maintenance Plan**, **Native backups**, **Lite speed Backups** and IBM TSM).
* Create **linked servers** to grant the data access to the users depending on the needs.
* Optimize the **tempDB** performance by striping and move to dedicated SAN.
* Involved in troubleshooting **dead lock** issues and performance issues for optimal performance. Used the Index tuning wizard and rebuilt indexes for faster query response.
* Expertise knowledge on high availability option **log shipping** (DR/Standby-server).
* Monitoring backup jobs daily and run the jobs manually in case of failure depending upon the necessity and prepared daily report on the job failures, backup failures and disk space.
* Involved in SQL Server disaster recovery procedures. Responsible for Stored Procedures optimization, **Performance tuning** & **index tuning.**
* Perform **database monitoring** data and log growth, Jobs, Alerts, disk usage and cleanups, using various custom scripts in SQL Server Agent jobs, setup of Database Mail /operators for alerting.
* **24/7** Production support for SQL Server databases

**Environment:**

MSSQL Server 2008/2008R2/2005, Windows2003/2008, DTS/SSIS, SSRS 2008 , SSAS, Visio, Litespeed, VSS 6.0, , SQL Diagrams, Spotlight, SQLProfiler, Query Analyzer, Enterprise Manager, SCOM, IIS 6.0, Silverlight

**Pitney Bowes, Omaha, NE Jan 2011 to Aug 2011**

**SQL Server Database Admin**

Pitney Bowes is a global technology company offering innovative products and solutions that enable commerce in the areas of customer information management, location intelligence, customer engagement, shipping and mailing, and global ecommerce.

**Responsibilities:**

* Implemented **SIDE BY SIDE Migration** of MS **SQL SERVER 2000 to 2005/2008** on **Windows**
* Migrated **DTS 2000 PACAKGES to SSIS** packages and maintained the archival data using **Control flow task.**
* Configured the **AWE and /3 GB** switch for the 32 bit 2005 server.
* SQL Server 2005 x64-bit **Failover Cluster Installation** on **Windows Server 2008** x64-bit.
* Experience with Cluster Configuration in SAN environment.
* Applied **Patches and Service packs** to update different versions of **MS SQL SERVER.**
* Fixed the failed **PRINCIPALS (logins), user permissions** and security in **ACTIVE DIRECTORY and SQL SERVER LEVEL.**
* Implemented native **log shipping** on MS SQL SERVER 2005.
* Scheduled regular **BACKUP JOBS** and kept track of **DATABASE** by receiving the emails on **Alerts.**
* Implemented the new **SQL Server 2005** concepts like **Data partitioning** ,**Snap shot Isolation**, **Database Snapshot, DDL triggers, Try-Cache blocks, Online Indexing, DMV’s, DMF’s, DTA,SQLCMD and dedicated admin connection, Common table Expression(CTE).**
* Implemented  **DATABASE MIRRORING ON MS SQL SERVER 2005**
* Moved files between the **File Groups and partitioned** the tables to improve the performance.
* Used **Spot Light** from quest to perform data base health checks.
* Utilized the new features of **2008 like TCE, EKM, MERGE STATEMENT and Compressed Backups.**
* Documented and performed the data base health checks regularly.
* Created new **tables, stored procedures and triggers IN T-SQL**.
* Used native tools like **DATA BASE TUNING ADVISOR, PROFILER and ACTIVITY MONITOR** for performance analysis.
* Implemented **log shipping** for **Production server** data base as part of the disaster recovery.
* Created **baseline and sampling intervals** in the perfmon considering threshold values of the **counters.**
* **Rebuilding indexes** with different **fill factors** and **update statistics** manually.
* Implemented native log shipping for **HIGH AVALIBLITY** of the Production Server **DATA BASE.**
* Generated reports in **SSRS using BIDS** (**Business Intelligence Development Studio).**
* **Rendered DRILL DOWN, STATIC reports in MATRIX** form in **SSRS.**
* Used **SSIS** packages to move data from dev to QA and QA to Production.
* Deployed maintenance plans for regular **DBA** activities in **SSIS.**
* Scheduled night jobs for importing large amount of data using **SSIS** Packages.
* Deployed **SSIS** package for bulk insert and maintained archival data with file system task.
* Handled monthly Database Refresh in **QA-Test environment for testing of new Deployments and Build.**

**Environment:**

MS SQL SERVER 2000/2005/2008, SSRS, QUERY ANALYSER, VISUAL STUDIO 2005, VB.NET,C#,WINOWS SERVER 2008,IIS,spot light

**Trimble Navigation, Westminster, CO Jan 2009 to Dec 2010**

**System Analyst / SQL Server Support**

Trimble has created unique positioning products that help customers grow their business. Our portfolio includes over 1,100 patents and serves as the basis for the broadest positioning offerings in the industry. Trimble augments its organic product development with strategic acquisitions to bring the latest positioning technologies to a wider market.

**Responsibilities:**

* **Designed and implemented the Logical and Physical model** of the database using **Erwin**.
* Created **Database Objects** - Tables, Indexes, Views, User defined functions, Cursors, Triggers, Stored Procedure, Constraints and Roles.
* Developed complex **T-SQL code** for the application.
* Monitored performance and optimized **SQL queries** for maximum efficiency.
* Tested to **optimize the Stored Procedures and Triggers** to be used in production.
* Developed **multiple reports in Crystal Reports, SSRS & ERP reporting utility**.
* Configured work flow, and multilevel authorization process for **PO/RO transactions**.
* Designed and developed **multiple business process alerts** to determine the bottleneck within processes.
* **Audited the migrated data health & corrected all the parameter values** of the uploaded data.
* Single point contact for offshore team and Customer.
* **Prepared project status report & facilitated weekly calls with the client and offshore support team.**

**Environment:**

Microsoft SQL Server 2005, Windows 2003Server, SQL Diagrams, Erwin, SSRS, Database Objects