**KUSHAL PATEL**

***Senior SQL Server DBA***

kp.sql1458@gmail.com

**SUMMARY:**

* Senior MS SQL Server **Production DBA** with 12+ Years of database administration and development experience
* 10+ Years of experience in managing **MS SQL servers** in **Physical** and **Virtual environments.**
* 10+ Years of experience in **upgrading** and **migrating** MS SQL Server from lower version to higher version.
* 12+ Years of experience in **managing** MS SQL Server **2019/2017/2016/2014/2012/2008 R2/2008** and 2005 versions
* Expert in **Installation, configuration,** and **maintenance** of SQL Server in all versions.
* 8+ Years of focused experience in setting **AlwaysOn availability groups** for **HA and DR**
* 5+ years of experience in **cloud technology** and implementation in **Microsoft Azure and Amazon RDS**
* 9+ years of experience in Physical and Virtual technology using VMware and Hyper-V
* Expert in **Data Modeling** (Logical and Physical Design of Databases), **Normalization and De-normalization** and building **Referential Integrity Constraints** using Erwin & Visio**.**
* Excellent **T-SQL** and programming skills in designing robust queries and stored procedures
* 10+ Years of focused experience in **performance tuning queries and Query Optimization** using SQL Profiler, Execution Plan, Performance Monitor, DBCC Commands and **using SQL Server latest DMV's**.
* Expert in fine **tuning server, CPU, Capacity planning, memory, disk and tempdb** for optimal performance
* 10+ years of experience in HA and DR with **Clustering, Always on AG, Mirroring, log shipping and Replication technologies.**
* Experienced in working in **OLTP & OLAP environment** that includes Production (24x7), UAT, Test, QA, and development databases in SQL Server 2019/2017/2016/2014/2012/2008 R2/2005/2000.
* Expert in **developing and planning Full, Differential and Log backup for production environment.**
* 5+ Years of experience in **Data Analysis Tools** like **Tableau, Power BI.**
* 3+ Years of experience in managing and maintaining **PostgreSQL Database** in Dev, QA, and Prod environment.
* 8+ Years of experience in creating, deploying, scheduling robust **SSIS/ETL packages.**
* 8+ Years of experience in MS SQL Server reporting **SSRS reports.**
* 10+ Years of experience in Installation, Configuration and Managing **SSRS, SSIS and SSAS**
* 4+ Years of **.NET and ASP.NET programming experience**
* 5+ years of experience of Managing and administrating tasks in SQL server using PowerShell scripts.
* 10+ Years of **T-SQL coding and testing**: indexes, views, triggers, functions, cursors, stored procedures, etc.
* Sound experience in using third party software namely **Dynatrace**, **Logic Monitor**, **LiteSpeed, IDEARA Diagnostic Manager, Grafana, Foglight, Microfocus, AppDynamics, SQL Safe, SQL Delta, AVAMAR, AQT.**
* Knowledge of implementation of **software development life cycle** (**SDLC**) process and has excellent analytical, programming, and problem-solving skills.
* Experience on Audit procedures and SOX compliance.
* **Excellent communication** skills, good team player and can work independently.

**TECHNICAL SKILLS:**

Windows Server 2019/2016/2012 r2/2012/2008 R2/2003, MS SQL Server 2019/2017/2016/2014/2012/2008 R2/2008/2005/2000, Oracle 10g/12c, PostgreSQL 14.12/15.7, MS SQL SSRS, SSAS, SSIS, SSDT, Power BI, Tableau, Linux, SQL Profiler, ASP.Net 3/2.0, T-SQL, PL/SQL, DB2, Visual Studio 2008/2005, Always On, Clustering, Mirroring, Log Shipping, Replication, Microsoft Azure, Amazon RDS, Azure Data Factory, VMware, Database Modeling, ERWIN, Microsoft VISIO, IDERA SQL Diagnostic Manager, Redgate SQL, SQL LightSpeed, Dynatrace, Logic Monitor, Microfocus, SQL Safe, AVAMAR, SQL Delta, AppDynamics, Grafana, SVN, TFS, Jenkins, Salesforce, AQT.

**EDUCATION:**

* Bachelor of Engineering in Computer Science, India 2007
* Masters of Computer Engineering, Stevens Institute of Technology, New Jersey 2009

**CERTIFICATION**:

* Microsoft Certified Azure Fundamentals

**PROFESSIONAL EXPERIENCE:**

**Lucid Motors – Casa Grande, AZ Mar 2023 – Present**

**Senior MS SQL Server/ Azure DBA**

**Project Summary:** Manage 24/7 SQL Servers in Production, Development, and QA environment. Managed and troubleshoot SQL servers in HA and DR environment. Upgrade SQL Servers from lower version to higher Version. Automated Deployment. Supported Oracle and DB2 deployment.

**Responsibilities:**

* As a Database Administrator responsible for managing Production, Development, QA and UAT environments in Physical, Virtual and Cloud based environments.
* Work with other members of the data services team, infrastructure team, development team and other groups to build and support high availability database instances and processes.
* Applied **service packs** to SQL Server versions (2008R2, 2012, 2016, 2017, 2019) and **patches** to Windows Server versions (2003, 2003 R2, 2012, 2019).
* Worked Heavily on the **Installation, Configuration** and **Maintained** SQL Server 2008R2/2012/2014/2016/2017/2019 on Windows 2003, 2008, 2008R2, 2012, 2012 r2, 2016, 2019.
* **Design**, **Implement**, and **manage cloud solution on Azure, AWS**, **OpenShift**, and **Kubernetes**.
* Planned and Implemented SQL Server in **Microsoft Azure** and Amazon RDS environments.
* Helped in **Planning** and **upgrading physical** and **virtual SQL Servers** to **Azure** and **Amazon RDS**
* Worked on High Availability Clauses in SQL Server 2019, 2017, 2016, 2014, 2012 and **Always on Availability Groups (AAG).**
* Configured **Windows Failover cluster**, **Always On,** **Transactional replication** and **Log shipping** for HADR Solutions for various application.
* Worked Extensively on MS SQL Server 2019, 2017 and 2016 version on **azure cloud**.
* **Optimize** cloud infrastructure for **performance, scalability,** and **cost-efficiency**.
* Strong grasp of cloud **security** best practices and compliance requirement.
* Planned and implemented solid **full, differential and log backups** for production environment
* **Migrated** SQL Server **2008** to **SQL Server 2014/2016/2017/2019**.
* **Migrated on-premises** workloads to the **Azure cloud** and manage **hybrid** environment.
* Implemented **IDERA sql diagnostic manager** in production environment.
* Worked on ticketing and change management software (**ServiceNow**) for completing and resolving production issues
* Extensively worked with developers for builds and releases and troubleshooting build problems
* Using **Dynatrace monitoring tool** for application monitoring.
* Expert in **query tuning** and **troubleshooting** for optimal performance.
* Supported **Oracle** and **DB2 Deployment** activity in Production, Dev, and QA environment.
* Set up heterogenous transactional **replication** from SQL server to Oracle.
* Created Database **Maintenance Planner** for the Production Databases which covers **Database Integrity Checks, Update Database Statistics, Re-indexing, backup, and restoration.**
* Redesigning and modernizing **database security** by implementing **Password policies** and **Role based Access control**.
* Worked on Configuring and Automated Scheduling SQL Server agent Jobs, Alerts, operators, Database Mail Configuration for **Blocking and Deadlock.**
* Automated **release processes** using **Jenkins**, and **JIRA** in diverse project environments with integration support for PostgreSQL databases.
* Worked extensively for the **database sizing** and **capacity planning** for production servers and QA servers.
* Responsible for **Installing** and **configured SSRS, SSIS** and **SSAS Tabular Model**.
* Configured **Log shipping architecture** to provide backup server solution for old legacy systems.
* **Installing packages** on **multiple servers** in **SSIS**
* Extensively worked on **SSIS** for **data manipulation** and **data extraction, ETL Load.**
* Involved in restore operations to refresh the data from **production to test servers**.

**Environment:** SQL Server 2019/2017/2016/2014/2012/2008 R2/2005, Oracle 12c, DB2, PostgreSQL, Linux, Always on Availability Group, Azure, AWS, clustering, Mirroring, Log shipping, Replication, VM, ERWIN, VISIO, T-SQL, Windows Server 2019,2016, 2012 R2, 2012, 2008, SSIS, SSAS, SSRS, Azure Data Factory, Power BI, Tableau, Grafana, Dynatrace, Logic Monitor, IDERA Diagnostic Manager, Redgate SQL Tools, SQL Safe, AVAMAR, AQT.

**Pentagon Federal Credit Union, Tyson, VA Nov 2021 – Feb 2023**

**Senior MS SQL Server DBA/Azure DBA**

Project Summary: Managed tier 0 and tier 1 application in Production. Secure data by implementing TDE. Supported On call schedule. Developed ETL for small project. Worked on migration projects. Monitor SQL Servers using Dynatrace and Logic Monitor.

**Responsibilities:**

* As a Database Administrator responsible for managing Production, QA, and Dev environments in Physical, Virtual and Cloud based environments.
* Work with other members of the access control team to secure the **database level access.**
* Installed latest **patched of SQL Server versions** in Dev, QA, UAT and Prod environments.
* Worked Heavily on the **Installation, Configuration and Maintained SQL Server 2008R2/2012/2014/2016/2017/2019 on Windows 2003, 2008, 2008R2, 2012, 2012 r2, 2016, 2019.**
* Supporting several enterprise-wide **high** **availability** systems and services with SLA driven up-time requirements
* Developed ELT to fulfil the business requirement.
* Configured **HADR** **solution** using techniques such as **WFC**, **Always**O**n**, **Replication** and **Log** **shipping** on physical and virtual environments
* Developed **automated** process to get the latency alerts for **Availability** database.
* Perform database administration tasks on **Azure SQL,** ensuring data integrity, availability, and performance optimization.
* Facilitate database **migration** SQL Server from **on-premise to Azure SQL**.
* Execute SQL Azure tasks efficiently, ensuring seamless integration within cloud solution.
* Expert in **Analyzing SQL Execution Plans** and **optimize database performance**.
* Implemented **TDE** using the **Fortanix Data Security manager** for critical application and in High Availability environment.
* Implemented **Column** **level** **encryption** on sensitive data for critical applications.
* Implemented **automated** **process** to **purge** the **historical** **data** for few applications.
* **Planned** and **implemented** solid **full**, **differential** and **log** **backups** for Prod, QA, and Dev environments.
* **Migrated MS SQL Server 2012 to SQL Server 2016/2017/2019.**
* Downgraded SQL Server 2019 to SQL server 2017 due application compatibility and connectivity issue.
* Successfully orchestrated the deployment of complex multi-tier application in Azure using infrastructure as code (IaC) principles, resulting in a 60%decrease in manual intervention and configuration errors.
* Created solid **maintenance plans** for database integrity check, Index rebuild, Index Re-Org and DB backups using **Ola** **Hallengren** scripts for all environment.
* **Monitored** CPU, Memory, PLE, wait type, Blocking, Deadlock, Disk I/O, Network Latency using **Dynatrace** and **Logic Monitor** tools.
* Managed **Windows** and **SQL Server based security authentication**.
* Worked on Configurering and Automated Scheduling **SQL Server agent Jobs, Alerts, operators, Database Mail Configuration.**
* Created a **Power BI** **dashboard** to monitor SQL Server **performance metrics**, including **CPU** **usage**, **memory** **allocation**, and query performance.
* Helped **Developers** for **deploying SSIS packages** to different environments.
* Performed **SSIS package migration** and **reconfiguration**, (**SSRS**) reporting service migration and configuration.

**Environment:** SQL Server 2019/2017/2016/2014/2012/2008 R2/2005, Oracle 12c, DB2, PostgreSQL, Linux, Always on Availability Group, Azure, AWS, clustering, Mirroring, Log shipping, Replication, VM, ERWIN, VISIO, T-SQL, Windows Server 2019,2016, 2012 R2, 2012, 2008, SSIS, SSAS, SSRS, Azure Data Factory, Power BI, Tableau, Dynatrace, Logic Monitor, IDERA Diagnostic Manager, Redgate SQL Tools, SQL Safe, AVAMAR, AQT.

**State of New Mexico – State Land office, Santa Fe, NM Oct 2020 – Nov 2021**

**Senior MS SQL Server DBA/Azure DBA**

**Project Summary:** Managed LIMS and RAPS critical applications in Dev, QA, UAT and Production environment. Created solid maintenance plans for database backup and restoration. refreshed the data from production to test servers.

**Responsibilities:**

* Installing, configuring, and managing **MS SQL Version 2019/2017/2016/2014/2012/2008 in Various environment.**
* **Supported 24/7 critical application like LIMS and RAPS in Production.**
* Supporting 150 SQL Server instances with 20+TB of data in production.
* Workedon **capacity planning for future growth of critical application like LIMS and RAPS.**
* Configured **Cluster, Always on Availability group** and **replication** for high availability solution for critical application.
* Configured **Log shipping** on old legacy system**.**
* Build the **Strategy for Backup and restoration** for Dev, UAT, QA and Prod serves**.**
* **Planned and migrated** old legacy system from **Mainframe to SQL Server.**
* Work on **Data Modeling (**Logical and Physical Design of Databases**), Normalization and De-normalization and building Referential Integrity Constraints using Erwin & Visio.**
* Developed and maintained complex data models for business intelligence (BI) reporting.
* **Troubleshoot and Performance tuning** to optimal performance in production.
* **Involved creating, tuning, optimizing, and** keeping departmental databases online**.**
* Working knowledge of **network, server, and firewall** technologies as they relate to SQL Server
* Optimize queries for **optimal performance of Tableau reports.**
* **Optimize the indexes** for slow performing the query in all environment.
* **Performed point-in-time database recoveries in production.**
* Developed **and** Maintained **ETL procedures** written **in PowerShell and SSIS.**
* Automated routine DBA tasks using **PowerShell** **scripts**
* Assisted in special projects (systems analysis, **code review, scripts** for cloned Windows desktop deployments and implementation of new web software)
* **Monitor the SQL Servers** using tools like **IDERA, QUEST SQL Monitor.**
* Implemented **Replication** for database objects, Managed all **Publisher, Distributor and Subscriber** database environments for **Transactional Replication.**
* Worked on **version control tool SVN** and **TFS (Team Foundation Server)** for repository management and branching/merging the codes for all projects.
* **Migrated** over 150 applications from old legacy system to consolidated SQL server 2017/2016/2014 environment.
* **Provided 24/7 Production support** for **Tableau users**.
* Worked on **Building, publishing customized reports** and dashboards, **report scheduling** using **Tableau Server.**
* Used **Ola Hallengren's Scripts** for **backup, restoration, database Integrity check, History clean up** and **Index Optimization.**
* Done lot of **Database refresh** from **production** to **Staging** and **Development** environment**.**
* Workedon **Redgate tools** like **SQL Compare** and **SQL Data Compare** for keeping all the environments Data and schemas in Sync.

**Environment:** SQL Server 2019/2017/2016/2014/2012/2008 R2/2005, Oracle 12c, DB2, Linux, AlwaysOn Availability Group, Microsoft Azure, AWS, clustering, Mirroring, Log shipping, Replication, VM, ERWIN, VISIO, T-SQL, Windows Server 2019, 2016, 2012 R2, 2012, 2008 R2/2003, SSIS, SSAS, SSRS **Power BI,** **Tableau 9/10.1/10.3**, Dynatrace, Logic Monitor, SQL Delta, IDERA Diagnostic Manager, SQL Safe, AVAMAR, Quest SQL Monitor, SVN, TFS, AQT.

**Desert Financial Credit Union, Phoenix, AZ Oct 2019 – Sep 2020**

**Senior MS SQL Server DBA/Azure DBA/PostgreSQL DBA**

**Project Summary:** As a Sr. Database Admin managing over 25 TB data enterprise wide. Managed PostgreSQL on windows platform. Consolidated all standalone SQL server instance to different clusters. Supported 24/7 and On Call. Implemented HADR solution.

**Responsibilities:**

* Proficient in SQL Server instances management versions 2019/2017/2016/2014/2012/2008 on various platforms such as VMware, Azure, and on-premises.
* **Installing**, **configuring,** and **managing** MS SQL Version **2019/2017/2016/2014/2012/2008** in Various environment.
* Configured and managed **PostgreSQL 14.12,15.7 on windows platform** for Dev, QA, Test and Production environment.
* Performed core DBA activities in **Azure Managed SQL Instance.**
* Highly skilled in implementing, managing and Troubleshooting **Always on Availability Groups, Clustering, Mirroring, Log Shipping and Replication Environment.**
* Configured the **windows failover cluster and Always On availability group.**
* Expert to troubleshoot **performance** issues, **analyze** SQL **execution** **plans**, and **optimize** database **performance**.
* **Monitor** **database** **performance** and **optimize** **queries**, **indexes**, and **configurations**.
* Created **Maintenance plan** - Index rebuild, Index Re org., update statistics, Database Integrity check
* **Monitoring** - AG Alerts, DB file Matrix, Disk Space Usage, DB space usage, Log space usage, PLE, Wait types, DB severity alerts etc.
* Performed **upgrading PostgreSQL servers** by utilizing pg dump, pg restore and pg upgrade.
* Responsible for **backup** and **recovery** of all the PostgreSQL database
* Managed and monitored databases using **pgAdmin**.
* Performing task such as creating role, granting access, creating tables.
* Develop and maintain **database** **documentation** and **standards**.
* Collaborate with developers to **design** and **implement** **database** **solutions**.
* Automate routine database administration tasks using T SQL scripts and tools.
* **Improved** database **performance** by implementing **indexing** **strategies**.
* **Installed** and **configure** **SSIS** and **SSRS** for various environment
* Helped **developer** **migrating** **SSIS** and **SSRS** reports in various environment
* **Upgraded** **IDERA** **tool** from older version to new version.
* **Granted** **user** **access** and created appropriate groups for them.
* Interacted with Existing **Tableau Developer and Developer DBA to** understand the existing schema.
* Created **Tableau Dashboards** with interactive views, trends, and drill downs along with user level security.
* **Planning** and **executed** **migrating** the **VM to Physical servers.**
* **Migrated** few applications from **on-premise** to **Azure SQL**.
* **Patching** the **SQL** **server** **prod** and **non**-**prod** **environments**.
* **Maintain** the **Inventory** and sending the reports to managements.
* Setup accounts for IOC (internal operations center) team in IDERA and web URL Access
* Using Service now ticking for the any user request - user access, DB refresh etc.
* Automated database refresh process using SSIS.

**Environment:** SQL Server 2019/2017/2016/2014/2012/2008 R2/2005, Oracle 12c, DB2, PostgreSQL 14.12/15.7, Linux, Always on Availability Group, Microsoft Azure, AWS, clustering, Mirroring, Log shipping, Replication, VMWARE, ERWIN, VISIO, T-SQL, Windows Server 2019, 2016, 2012 R2, 2012, 2008 R2/2003, SSIS, SSAS, SSRS Power BI, Tableau, Dynatrace, Logic Monitor, SQL Delta, IDERA Diagnostic Manager, SQL Safe, AVAMAR, AQT.

**Dignity Health – Phoenix, AZ Jan 2018 – Oct 2019**

**Senior MS SQL Server DBA/ PostgreSQL DBA**

**Project Summary:** As the end user of all applications are patients it is very critical to keep the Service up and running by 24/7. to comply with DH standard my responsibilities are managed SQL Server in Production and non- production environment. Managed PostgreSQL servers in Prod. Build the consolidate environment to reduce the license cost. Crate the automation process for database maintenance and SQL Installation. Provide the HA DR solution for critical application.

**Responsibilities:**

* Installed, configured, and managed MS SQL Version 2017/2016/2014/2012/2008 R2, SQL Server 2008, SQL Server 2005 and 2000 in Various environment.
* **Managed** 1200 SQL Server Instances including production and non-production environment.
* Configured **PostgreSQL** in Dev, QA, and production environment.
* I have Configured Cluster, VM ESXI host cluster, Always On, Mirroring for critical applications to keep the up and running 24/7.
* reporting purpose, set up transactional Replication to offload the production db.
* Managed and monitored databases using **pgAdmin**
* Configuring **pgBadger** for generating statistic reports
* Customize **VACUUM** jobs for certain tables and database level
* Installed, configured, and managed SSIS, SSRS, SSAS in Production and non-production environment.
* Supported SSIS packages deployment and troubleshoot the SSIS packages in Prod and non-prod environment.
* Worked extensively on **migration projects.** Performed and documented database migration from lower version to higher version.
* Performing task such as creating role, granting access, creating tables.
* Troubleshooting performance related issues on **Postgres** **instance** using performance query plan management
* Implemented **monitoring** of production environment with the **Microfocus** tool**.**
* Extensively worked on **performance tuning and troubleshooting** for critical applications.
* Doing extensive **Capacity planning** and **database sizing** for various Critical applications
* Developed **backup and recovery strategy** for various application Database.
* Worked heavily database backup tool **NetBackup** for large databases.
* Developed automated process for Installing and configure the SQL server using PowerShell script.
* Automated SQL Maintenance Plan - Index Rebuild, Re-Org, update Statistics, DBCC check DB.
* Build the Consolidate Environment for SQL 2014,2016, 2017, 2019, to host the small application to reduce the License cost.
* Participated on call rotation and handle change management request.
* Installed/configured and patched latest version of SQL Server 2019/2017/2016/2014 and 2012 versions during the maintenance window.
* Configured SQL Server 2012/2014/2016/2017/2019 **Always ON** Availability Group for High Availability.
* Increased database performance by utilizing **MySQL** config changes, multiple instances and by upgrading hardware.
* Implemented **Active/Passive** and **Active/Active cluster** for critical applications.
* Managed Windows and SQL Server based security authentication.
* Worked on configration and Automated Scheduling SQL Server agent Jobs, Alerts, operators, Database Mail Configuration for **Blocking and Deadlock.**
* **Monitoring** - AG Alerts, DB file Matrix, Disk Space Usage, DB space usage, Log space usage, wait types by using IDERA monitoring tool.

**Environment:** SQL Server 2019/2017/2016/2014/2012/2008 R2/2005, Oracle 12c, DB2, Linux, AlwaysOn Availability Group, Microsoft Azure, clustering, Mirroring, Log shipping, Replication, VMWARE, ERWIN, VISIO, T-SQL, Windows Server 2016, 2012 R2, 2012, 2008 R2/2003, SSIS, SSAS, SSRS Power BI, LiteSpeed, SQL Delta, IDERA Diagnostic Manager, SQL Safe, AVAMAR, AQT

**INEIGHT – Omaha, NE June 2016 – Dec 2017**

**Senior MS SQL Server DBA**

**Project Summary:** Primary role was to manage SQL Servers in Physical, Virtual, and cloud-based environment. Give performance solutions for existing databases for maxi-mum throughput. Heavily used replication to offload the work load of production servers.

**Responsibilities:**

* Managed Production, Development QA and UAT environments in Physical, Virtual and Cloud based environments.
* Installed/configured and patched latest version of SQL Server 2016/2014 and 2012.
* Worked Heavily on the **Installation, Configuration** and **Maintained** SQL Server 2008R2/2012/2014/2016 on Windows 2003, 2008, 2008R2, 2012, 2016.
* Helped in Planning and upgrading physical and virtual SQL Servers to Azure.
* Configured SQL Server 2012/2014 **AlwaysOn** Availability Group for High Availability.
* Planned and implemented solid full, differential and log backups for production environment
* Migrated **MS SQL Server 2008r2** to **SQL Server 2014** and Upgraded SQL Server to 2014 version on Microsoft Azure Environment.
* Created solid **maintenance plans** for server **backup and rebuild and reorganize indexes**
* Experience with database security solutions including Transparent Data Encryption (TDE) and column level encryption.
* Supported production database systems and gave **Level 3 support.**
* Extensively coordinated with offshore team for ticket escalation and problem resolution.
* Ability to write, troubleshoot, modify, and enhance complex **PowerShell / T-SQL scripts**.
* Implemented **Transactional Replication** for database objects and Managed all **Publisher, Distributor and Subscriber**
* Strong proficiency in **Microsoft Visual Studio** tools preferred, including C# and .NET tools with proficiency in VB script
* Worked on Data analysis tool Power BI and created a **Power BI** **dashboard** to monitor SQL Server **performance metrics.**
* Implemented **Database mirroring** for **disaster recovery** in Production Environment**.**
* Worked extensively for the **database sizing** and **capacity planning** for all environment.
* Responsible for **Installing**, **configure and managing SSRS, SSIS** and **SSAS**.
* Extensively worked on **SSIS** for **data manipulation** and **data extraction, ETL Load**
* Helped Developers to troubleshooting the SSIS package issues.
* Migrated SSIS packages and SSRS reports from lover version to Higher version.

**Environment:** SQL Server 2016/2014/2012/2008 R2/2005, Oracle 12c, DB2, Linux, AlwaysOn Availability Group, Microsoft Azure, clustering, Mirroring, Log shipping, Replication, VMWARE, ERWIN, VISIO, T-SQL, Windows Server 2012 R2, 2012, 2008 R2/2003, SSIS, SSAS, SSRS Power BI, LightSpeed, SQL Delta, IDERA Diagnostic Manager, SQL Safe, AVAMAR, AQT.

**Pitney Bowes – Omaha, NE October 2013 – May 2016**

**Senior MS SQL Server DBA**

**Project Summary:** Primary role as a Production support DBA, managed a team of 4 DBA’s and supported HA and DR environment. Extensive interaction with DBA’s and developers in resolving production issues.

**Responsibilities:**

* As a **Production support DBA**managed production, development and QA environments and **participated in on call 24/7 support**.
* **Install, Configured** and **Maintained** SQL Server 2005/2008/2008R2/2012 on Windows 2003, 2008, 2008R2, 2012.
* Administer, monitor, and resolve incidents for high traffic e-commerce databases including **replication, performance tuning, backups, and recovery.**
* Perform database deployments and provide support for **application releases**.
* Planned and managed production servers in physical and virtual environments and supported HA and DR
* Resolved Level 3 issues related to production support, performance tuning and security issues
* Planned for upgrade and migration of SQL Server from lower version to higher version.
* Configured SQL Server 2012 **AlwaysOn** Availability Group for High Availability.
* Managed existing SQL Servers in AlwaysOn availability groups
* Managed SQL Servers in clustered / mirrored and log shipped environment
* Responsible for day-to-day tasks like re-indexing, checking integrity, backup, and recovery.
* Extensively used **SQL Server DMV's and SQL tools for resolving performance problems**.
* Worked on ticketing and change management software call remedy for completing and resolving production issues
* Implemented **Transactional Replication** for database objects.
* Responsible for the **Database backup** and **Restoration** using SQL native tool and third-party tools.
* Developed and Maintained **SSIS Package** to Extract and Load data from diverse source (flat file, excel, xml and oracle).
* Performed **Multi File Imports**, **Package configuration**, **Debugging Tasks** and **Scripts** in **SSIS.**
* Worked heavily on **Disaster recovery planning** and **Database Security** for 180 servers.
* Worked on **Space Management**, **I/O tuning**, **managing migration process**, **performance analysis** and **production support** for large and complex database up to 10 TB.
* Scheduled SQL Server agent Jobs, Alerts, operators, Database Mail Configuration for **Blocking and Deadlock.**
* Implemented **Maintenance plan** for the various Database.
* Implemented **Database Mirroring** on SQL Server 2012 environments.
* Configured and Maintained **Log shipping on Primary and Secondary server** with or without witness server **on MS SQL 2012**.
* Design and Configured **Partitioning of table** and **Indexes** to Improve query performance in SQL 2012.
* Effectively configured MySQL Replication.
* Implemented **Data** and **backup compression** to **reduce I/O** and maintained security respectively.
* Simplify and **optimize complex query** that involve multiple tables by using multiple joins and sub-queries to maintain administrative tasks.
* **Monitor server performance** using **SQL Profiler**, **Index tuning** and debug T-SQL and **fine tune SQL queries**.
* Implemented **SQL** Failover **clustering** for **Active/Passive** SQL Server 64 bit/32 bits environment and SQL Server 2008/2012.
* Extensively worked with Developers to do the **Database Schemas Changes**.
* Extensively worked with Developers and QAs for the Database restoration and refresh the data from production to Pre-Production, QA, and Development Environments.
* Developed internal control technical documentation that sufficiently describe the maintenance responsibility for the production support team.

**Environment**: MS SQL Server 2012/2008 R2/2008/2005/2000, Windows Server 2012, 2008 R2/2003/2000, VMWARE, vSphere, Microsoft Azure, Virtualization, IDERA Diagnostic Manager, RedGate, SQL Delta, SSIS, SSRS, Clustering, Mirroring, Log Shipping, Replication, AlwaysOn Availability Group, AppDynamics.

**State of PA: Department of Community & Economic Development – Harrisburg, PA Aug 2011 – Sep 2013**

**Senior MS SQL Server DBA**

**Project Summary:** Manage Production, Development, and Test Environment. Migrate data from Oracle to SQL server. Configured and troubleshoot heterogenous transactional **replication** from SQL server to Oracle.

**Responsibilities:**

* As a **Database Administrator** responsible for managing SQL Server and Oracle Database in production, development, and test environments.
* Did heavy duty **Migration / Upgrades** from lower version of SQL Server to SQL Server 2012/2008 R2
* Migrated Oracle Databases to **SQL Server 2012.**
* R**ewrite the critical stored Proc. And Functions from Oracle to SQL Server 2012.**
* Participate in T-SQL code reviews and technical quality standards reviews with the development teams
* Installed / configured SQL Server in **Virtual Environments using VMWare**.
* Installed **SQL Server 2012/2008 R2/2008** and **SQL Server 2005** on **windows 2008 and 2003servers**, applied **service packs** and **security fix** for all servers.
* Exclusive Knowledge of **Database security** including creation of **roles/login/user accounts** and having good Knowledge of **authentication modes, types of roles**, how to manage security accounts, **grant /revoke permission** to access data and how to make a security plan matching your business needs
* Extensively used **SQL PROFILER** and **QUERY TUNING** Wizard to troubleshoot problems and queries
* Involved in **tuning SQL Server databases** using available tuning methods like **index tuning wizards**, **profiler,** and **execution plans**.
* Schedule SQL Agent Jobs and Alerts when SQL Server Restarts.
* Implemented **Database mirroring** for **disaster recovery** in Production Environment**.**
* Configured **transactional replication** and managed all **Publisher, Distributor and Subscriber** database. Hands on experience on Golden Gate Replication.
* Created **SSIS packages** to Extract and Load data from diverse source (flat file, excel, xml and oracle) and Created Data Flow’s for Aggregate, sort, lookup, merge, union all and fuzzy lookups.
* Used **Send Mail**, **Bulk Insert**, **Execute SQL**, **Data Flow**, Import Export control extensively in **SSIS**
* Performed **Multi File Imports**, **Package configuration**, **Debugging Tasks** and **Scripts** in **SSIS**
* Extensively worked on **SSIS** for **data manipulation** and **data extraction, ETL Load**
* Created the **standard documents** for **Disaster recovery testing** and implemented them.
* Experienced with **database sizing** and **capacity planning** for production servers.
* Created the backup schedule for **production**, **test,** and **development** servers.
* Worked with developers to do the **database schema changes** and **database restore request**.
* Involved in restore operations to refresh the data from **production to test servers**.
* Experienced in **troubleshooting production servers** and fixed the user and application issues.

**Environment**: MS SQL Server 2012/2008 R2/2008/2005/2000, Windows Server 2008 R2/2003/2000, Oracle 10g, Linux, VMware, vSphere, Virtualization, SSIS, SSRS, SSAS, Clustering, Mirroring, Log Shipping, Replication, IDERA SQL Diagnostic Manager, SQL Delta, SQL Safe.

**HONDA – Tallapoosa, GA May 2010 – July 2011**

**MS SQL Server DBA**

**Project Summary:** Work closely with infrastructure team, development team and other groups to build and design database. Manage Production, Development, QA and UAT Environment. Supported 24/7 all environments. Managed servers in HA and DR.

**Responsibilities:**

* As a **Senior MS SQL Server DBA** responsible for managing production, development, and QA environments.
* Managed multiple instances of SQL Server in **Virtual and Physical environments with 32 / 64-bit** environments
* Installed / configured SQL Server in **Virtual Environments using VMWare**.
* Planned **database sizing** and **capacity planning** for production servers for better performance.
* Installed **SQL Server 2008 R2/2008** and **SQL Server 2005** on **windows 2008 and 2003servers**, applied **service packs** and **hotfix** for all servers.
* Participated on call Rotation and support 24/7 environment.
* **Upgraded** server from MS SQL Server 2005 to MS SQL Server 2008.
* Worked heavily on Creating **Logical and Physical Design of Databases** using **Erwin & Visio.**
* **Used ERWIN** to deploy any changes to the **database and objects from test to production.**
* Created the **backup and restore strategy** for production and Staging environment.
* Implemented **SQL** Failover **clustering** for **Active/Passive** SQL Server 64 bit/32 bits environment and SQL Server 2005/2008
* Created Database Maintenance Plan which covers **Database Integrity Checks, Update Database Statistics and Re-indexing.**
* Worked on Comparing the schema and data changes in Development, Pre-Production and Production environments using Redgate SQL Data Compare tool.
* Implemented **Database Mirroring** on SQL Server 2008 environments and configured and maintained **Log shipping on primary and secondary server on MS SQL 2005/2008**.
* Extensively used **SQL PROFILER** and **QUERY TUNING** Wizard to troubleshoot problems and optimized queries.
* Created Automated process for Optimizing Index and Update Statistics.
* Involved in **tuning SQL Server databases** using available tuning methods like **index tuning wizards**, **profiler,** and **execution plans**.
* Created the **SSIS packages, DTS** to import the data from one Environment to other Environment.
* Performed standard check list on new build Servers.
* Created the **standard documents** for **Disaster recovery testing** and implemented them.
* Created the backup schedule for **production**, **test,** and **development** servers.
* Worked with developers to do the **database schema changes** and **database restore requests**.
* Involved in restore operations to refresh the data from **production to test servers**.

**Environment**: MS SQL Server 2008 R2/2008/2005/2000, Windows Server 2008 R2/2003/2000, VMware, vSphere, Virtualization, ERWIN, VISIO, IDERA SQL Diagnostic Manager, Redgate, SSIS, SSRS, SSAS, Clustering, Mirroring, Log Shipping, Replication, SQL Litespeed.

**ING – Windsor, CT June 2009 – April 2010**

**MS SQL Server DBA**

**Project Summary:** Manage existing Production environment in HA and DR. Also support existing databases and implement new database designs. Planned and upgrade SQL server from lower version to higher version.

**Responsibilities:**

* Provide MS SQL Server DBA support and technical expertise for maintaining **150+ SQL Servers in Production, Model, QA, and development environment**.
* Managed multiple instances of SQL Server in **Virtual and Physical environments.**
* Installed / configured SQL Server in **Virtual Environments using VMWare**.
* Installed **SQL Server 2008 R2** and **SQL Server 2005** on **windows 2008 R2 and 2003 servers**, applied **service packs** and **security fix** for all servers.
* Planned and **Upgrade SQL** servers from MS SQL Server 2005 to MS SQL Server 2008
* Worked on creating user logins with appropriate roles and permission and granting the privileges to users and groups.
* Performed day to day DBA activities such as monitoring SQL Server health, SQL Agent job status, addressing user requirements.
* Monitor and optimize system performance using SQL Profiler and Database Engine Tuning Advisor.
* Designed and implemented incremental and full backup policies and procedures.
* Migrated DTS packages to SSIS packages.
* Implemented Maintenance plan in production and Staging environment with DBCC check DB, backup, Restoration, Update Statistics, and Index Optimization.
* Worked extensively with **SQL Server DMV's** for resolving **performance bottlenecks**
* Configured and maintained **Log shipping architecture** to provide backup server solution
* Implemented **transactional replication** for data refresh and Managed all **Publisher, Distributor and Subscriber.**
* Implemented **Failover clustering Active/Passive** SQL Server 64-bit environment
* Implemented **Database Mirroring** on SQL Server 2008 environments.
* Involved in restore operations to refresh the data from **production to lower environment**

**Environment**: MS SQL Server 2008 R2/2008/2005/2000, Windows Server 2008 R2/2003/2000, VMware, vSphere, Virtualization, SSIS, SSRS, SSAS, Clustering, Mirroring, Log Shipping, Replication, Dell PowerEdge, HP Blade, IDERA SQL Diagnostic Manager, Redgate.