**Hardik Patel**

**Patelhardikkumar25@gmail.com**

**+1 (510)-565-6695**

**PROFESSIONAL SUMMARY:**

* Over 7+ years of extensive experience in Database Design, Data Modeling, Programming, Development and Administration of Client Server Applications using SQL Server versions (2000-2016)
* Extensive work knowledge in handling huge databases & worked on performance tuning and query optimizations, data integrity and Statistics by using SQL Profiler, PerfMon and DB Engine Tuning Advisor
* Experience in using Microsoft BI studio products like SSIS, SSAS, and SSRS for implementation of ETL methodology in data extraction, transformation and loading.
* Experience in handling Production Database Support & Maintenance as well.
* Experience in applying SQL Server patches and hot fixes in standalone and cluster environments.
* Experience in SQL Server Reporting Services Installation, Configuration and Maintenance using Visual Studio and Reporting Services.
* Experience in implementing SQL Server Security and object permission like maintaining creation of users, configuring permissions database authentication modes and assigning roles of users.
* Expertise in implementing different types of high availability and disaster recovery mechanism like replication models, log shipping, database mirroring and clustering.
* Experience in verifying and resolving the SQL Server Blocking issues and Finding and fixing the root cause Hand on experience in Experienced in Performance Tuning, Backup and Recovery, Query Optimization and Security.
* Experienced in Upgrade/Migration of MS SQL Server 2005/2008 to MS SQL Server 2008R2, 2012 and 2014.
* Experience in resolving the Disk space issues and finding the root cause and permanent fixes.
* Experience in configuring and maintaining all types of Database Backups and Recovery operations. Support production and development troubleshooting of data defects with transactional systems, reports, data integration (ETL) platform and Information Management repositories
* Proficiency in SQL Server Replication, Backup/Recovery, Disaster recovery and planning.
* Performing Database Maintenance Activities like rebuilding/reorganizing indexes and update statistics, checking database integrity and clean up history on regular intervals.
* Experience in resolving Space Management issues like TempDB contention, Data and log file space issues. Experienced in Data Conversion, Normalization and Data Modeling, Multi-Dimensional Modeling and involved in creation of Fact Tables, Dimension Tables, Star Schema and Snowflake dimensional schema
* Strong technical experience in MS SQL Server development including Performance tuning, Reporting, designing logical/physical databases and Troubleshooting as well as working knowledge with T-SQL, Store Procedure, Function, Views, Triggers, Index, Join, CTE.

**TECHNICAL SKILLS:**

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| **RDBMS/DBMS** | MS-SQL Server 2012/2008 R2/2008/2005, MS Access. |
| **Programming Languages** | T-SQL, PL/SQL, C, C++, HTML, PHP, JSP |
| **Software/Databases** | MS SQL Server 2014/2012/2008 R2/2008/2005/2000, MS SQL Server Reporting Services 2008/2005 (SSRS), MS SQL Server Analysis Services 2008/2005(SSAS), MS SQL Server Integration Services 2005 (SSIS), OLTP, OLAP, SQL Server Management studio (SSMS), SQL Query Analyzer, SQL Profiler, Bulk Copy Program (BCP), SQL Ignite |
| **Operating Systems** | Linux, Unix, Windows 98/XP/NT/Vista/windows7/Windows Server 2003/ Windows Server 2008, MAC. |
| **IDE & BI Tools** | SQL Server BI Development Studio (BIDS), MS Visual Studio 2008/2005 |
| **Data modeling Tools** | Erwin 7.2/4.5, MS Visio 2003/2007 |
| **Design Methodology** | Unified Modeling Language 1.1 using Rational Rose |
| **Reporting Tools** | SQL server Reporting Services (SSRS), Crystal Reports |
| **ETL Tools** | SQL Server Integration Services (SSIS), Data Transformation Services (DTS), Import Export Data, Bulk Insert |

**EDUCATION QUALIFIACTIONS:**

**• Bachelor of Engineering in Electronics and communication Technology**

**PROFESSIONAL EXPERIENCE:**

**CISCO, Morrisville, NC Jan 2018 to Till date**

**SQL Server DBA**

**Responsibilities:**

* Installation, Configuration and Maintenance of Multiple Instances of SQL Server 2016/2012/2008R2 in Development, Staging and Production Environments
* Migrated SQL Server 2008R2 Databases to SQL Server 2012 and SQL Server 2012 Databases to SQL Server 2016
* Expertise in Always-On Availability Groups (AAG) and HA/DR Setup and Consideration
* Migrated SQL server 2008 to SQL Server 2012 in Microsoft Windows Server 2012 Enterprise Edition.
* Installed and administered Eight-Node cluster Active/Passive on Microsoft Windows Server 2012 Enterprise Edition on SAN environment.
* Migrated SSIS packages from SQL Server 2008 R2 to SSIS 2012/2016.
* Extensively worked on SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS).
* Expert in Using DMVs, Performance dash board, Mirroring, database snapshots and tracking Performance Counters.
* Rebuilding / Monitoring the indexes at regular intervals for better performance.
* Recovering the databases from backup in disasters. Implementing Point-In-Time Recovery solutions.
* Involved in trouble shooting and fine-tuning of databases for its performance and concurrency.
* Involved in Source Data Analysis, analysis and designing mappings for data extraction also responsible for Design and Development of SSIS Packages to load the Data from various Databases and Files.
* Experience in using SQL Server Profiler, SQL Server Agent, and Database Engine Tuning Advisor (DTA).
* Expert in implementing the snapshot isolation and DDL triggers.
* 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.
* Implemented Data partitioning, Error Handling through TRY-CATCH-THROW statement, Common Table Expression (CTE).
* Good knowledge with features of SQL Server like Spatial, CDC, Encryption and File stream Data functionality.
* Performance Tuning daily for preventing issues and providing capacity planning using MySQL Enterprise Monitor Extensive experience with backup and restore methodologies using Native and third-party tools (Lite Speed, NetBackup, and Red Gate).
* Ability to carry out security tasks at network level such as block/unblock TCP/IP ports through firewall on both Linux and windows and block/unblock remote access to MySQL server.
* Responsible for Database Maintenance and Security. Creation and maintenance of Users security permissions and Migration the entire database objects from one Server to another Server and database to another database.
* Creating and managing user accounts / logins for development purpose.
* Used PowerShell to automate admin tasks.
* Worked extensively on creation of Databases, Objects, Stored Procedures, Triggers, Security, Data migration (i.e. Import and Export), Transact-SQL, Backups, Recovery, and SQL Server Agent, SQL Server profiler using SQL Server.
* Actively contribute in exploring data security / data privacy (data masking) technologies within the firm as well as vendors and recommending appropriate solution.
* Microsoft SQL server in the following environments: Development, test, stand alone, clusters, and virtualized.
* Implementation of Point in time Backup and Recovery Plans of all databases and maintain documentation.
* Implemented Disaster Recovery for SQL Server DBA Production Database as Fail-Over or Standby Servers.
* Extensively worked using AWS services along with wide and in depth understanding of each one of them.
* Analyzing Business Intelligence Reporting requirements and translating them into data sourcing and modeling requirements including Dimensional & Normalized data models, Facts, Dimensions, Star Schemas, Snowflake Schemas, Operational Data Stores, etc.
* Designing and implementing data warehouses and data marts using components of Kimball Methodology, like Data Warehouse Bus, Conformed Facts & Dimensions, Slowly Changing Dimensions, Surrogate Keys, Star Schema, Snowflake Schema, etc.
* Highly skilled in deployment, data security and troubleshooting of the applications using AWS services.
* Assisted in trouble shooting production issues and application performance issues.
* Worked on Database Engine Tuning.
* Daily routine DBA tasks like handling user’s permissions and space issues on Production and Semi-Production Servers and handling maintenance Jobs.
* Handled monthly Database Refresh in QA-Test environment for testing of new Deployments and Build.
* Routine DBA jobs like Backups and Restores.
* Worked as a developer in creating complex Stored Procedures, Triggers, Functions, Indexes, Tables, Views and other T-SQL code and SQL joins for applications.
* Solved the regular tickets that we received from different application team and pointing them towards the successful completion
* Technical Analysis, Code Review, Release reviews and Implementation & on call 24 x 7 production support

**Nationwide Insurance, Harleysville, PA Jul 2016 to Dec 2017**

**SQL Database Administrator**

**Responsibilities:**

* Installation, Configuration and Administration of SQL Server 2012 on MS Windows 2008 R2 Servers.
* Migrated Databases from SQL Server 2008R2 to SQL Server 2012 in Production and test Environments.
* Worked on Administration, Performance Analysis on very large and highly transactional production databases.
* Worked extensively in Active / Passive and Active / Active Clustered Environments to increase scalability and stability of business-critical systems.
* Responsible for performance tuning of stored procedures using SQL Profiler and Database Tuning wizard.
* Creating databases, logins and users with permissions in SQL server 2012.
* Worked on high availability SQL Server 2012 solutions including Log shipping, Transactional Replication and Mirroring.
* Expertise in Server Management issues like administration, Backup/Restore, Space Management (auto growth/shrink, file groups), Attach/Detach.
* Managing SQL server using PowerShell scripts.
* Performed Administrative tasks in SQL Server using PowerShell.
* Created SSIS packages from scratch and deployed them.
* Working closely with Architects, Lead and Project Manager for the applications assessment to all the Data Masking Team on Proxy server and proving support on the databases and applications.
* Migrated MS SQL Server 2008 R2 databases in VMware environment.
* Experience in migrating MS SQL Server in VMware environment.
* Implemented Failover clustering for Active/Active and Active/Passive for High availability and Managed SQL Server Clusters in a SAN environment.
* Monitored Performance Monitor and SQL Profiler to optimize queries and enhance the performance of database servers.
* Backup and Recovery of production databases and tuning them for better performance.
* Responsible for day-to-day activities, such as backups to the disk and restore the databases and transaction log on production/development servers as per business / IT needs using SQL Safe.
* Ran DBCC and fixed data corruption in application databases.
* Used Execution Plan, SQL Profiler, tuning SQL query and Database Engine Tuning Advisor to optimize queries and enhance the performance of databases.
* Working closely with Architects, Lead and Project Manager for the applications assessment to all the Data Masking Team on Proxy server and proving support on the databases and applications.
* Created SSIS package to export and import data from SQL Server to Access, text and Excel file. Used Event Handlers for Exception Handling in SSIS packages.
* Used PowerShell to manage SSIS packages across multiple SQL Server instances.
* Strong knowledge .NET knowledge (or highly skilled in other object-oriented languages)
* Developed Custom Reports and different types of Tabular Reports, Matrix Reports, Ad hoc reports and distributed reports in multiple formats using SQL Server Reporting Services (SSRS).
* Created many Cascaded parameters in the reports using MDX and T-SQL.
* Expertise in creating OLAP Cubes developed Multi-Dimensional Expression (MDX).
* Expertise in SQL server Reporting Services (SSRS) to design and develop different reports of performance metrics.
* Implemented Failover clustering for Active/Active and Active/Passive for High availability and Managed SQL Server Clusters in a SAN environment.
* Monitored Performance Monitor and SQL Profiler to optimize queries and enhance the performance of database servers.
* Backup and Recovery of production databases and tuning them for better performance.
* Responsible for day-to-day activities, such as backups to the disk and restore the databases and transaction log on production/development servers as per business / IT needs using SQL Safe

**Marriott International, Bethesda, MD Apr 2015 to Jun 2016**

**SQL DBA**

**Responsibilities:**

* Responsible for installing, configuring, and maintaining Microsoft SQL Server 2014/2012/2008 Always on Availability Groups and Failover clusters.
* Hands on experience in installing and maintaining SQL Server database systems. Maintaining the database systems that includes successful backups, resolving system issues, opening cases with

technical support to resolve issues, monitoring success and failure of automated jobs, monitor system availability, updating system documentation, system and database recovery.

* Successfully designed and implemented the disaster recovery with High availability solutions like Failover Clustering, Mirroring, Log Shipping and Replication.
* Used different tools from IDERA suite like SQL Diagnostic manager for monitoring 24/7 Performance measures, SQL Defrag Manager to effectively manage the hot fixes, SQL Virtual Database to access data in SQL backup files without restoring.
* Ability to carry out security tasks at network level such as block/unblock TCP/IP ports through firewall on both Linux and windows and block/unblock remote access to MySQL server.
* Configuring/Installing/Troubleshooting Apache and PHP.
* Created data extracts as part of data analysis and exchanged with internal staff.
* Managing SQL server using PowerShell scripts.
* Performed MySQL Replication setup and administration on Master-Slave and Master-Master.
* Documented all servers and databases.
* Assist in capacity planning, space management and data maintenance activities for database system in DB2.
* Monitored and managed DB2 thread and locking issues.
* Involved in granting various authorizations and privileges to different users.
* Proactively monitored and performed daily maintenance activities.
* Created database data mart mappings. Data Mart and database design for OLAP cubes.
* Worked as a developer in creating complex Stored Procedures, Triggers, Functions, Indexes, Tables, Views and other T-SQL code and SQL joins for applications.
* Extensively used T-SQL in constructing user functions, views, indexes, user profiles, relational database models, data dictionaries, and data integrity.
* Fine-tuned the logic in Procedures, Functions and Triggers for optimum performance.
* Extensively used SSIS to move data from text files to SQL Server.
* Views using T-SQL in Development and Production environment for SQL Server 2008.
* Responsible for Security Planning and disaster recovery for the server and the Data Warehouse. (Defined a disaster Recovery strategy for the data mart/Data warehouse and ANALYSIS SERVER databases).
* Created ETL process from the OLTP database to the Data Warehouse and loading Data Marts to support several reports.
* Created Indexes on tables for better performance and removed unused indexes based on the statistics.
* Created jobs to alert staff about data inconsistencies in the data warehouse.
* Created SQL Scripts for data loads and upgrades for data migrations and data validations.
* Developed Tabular and Chart Reports in SSRS.
* Transformed new Gen Tax users from novices to experts by instilling confidence in performing every day.
* Created complex SSIS packages using proper control and data flow elements with error handling.
* Designed and Developed Integrations to Microsoft Dynamics (GP) from Loan processing Audit systems.
* Experience in architecting and populating Data-Marts through ETL.
* Created roles for using the cubes.
* Maintained ProClarity Report’s, Dashboard’s access and data issues.
* Designed cubes in star schema using SQL Server Analysis Services (SSAS).
* Developed cubes with various Perspectives and deployed those cubes in development, integration, validation and production servers of SSAS.
* Refactoring of data warehouse schema to remove unused or obsolete database objects and improve design
* Responsible for keeping system and databases up-to-date by making necessary changes.
* Optimized Stored Procedures and long running queries using query-optimization techniques.
* Tuning SQL Queries
* Perform Full, differential and Transaction Log backup/ restores through SQL Native agent and third-party software
* Create database policies regarding security, designs, backups, recovery, availability, services, integrity and charge costs.
* Perform Database and system tuning via indexes, full text catalogs, locking, DBCC, file grouping, execution plans.

**Softmind Informatics Pvt Ltd - India Jul 2013 to Dec 2014**

**SQL DBA**

**Responsibilities:**

* Installed, Configured, and Administered SQL Server 2012/2008/2005.
* Backed up databases using Full, Differential and Transactional log backup methods.
* Restored Database from database backups and file backups.
* Experienced with Point-in-Time Recovery. Maintained logical consistency of the database by running DBCC statements and rebuilding\reorganizing indexes.
* Monitored the performance of Database Backup and other jobs in the maintenance plan Restoration and Point in-Time Recovery and optimized as needed.
* Monitored Server Activity, Error Log, space usage, and solving problem as needed
* Maintained server level, database level and object level security best practices by creating logins and users, configuring permissions and assigning different roles to users.
* Configured Database Mail and SQL Server Agent. Created user access, monitored and optimized the performance of the database.
* Lead a team of 3 other DBA for 2yr
* Created SQL Server Event, Maintenance Plans and Performance Condition Alerts.
* Scheduled jobs to automate different database related activities including Backup, Index Optimization, Monitored Database health, Disk space and Backup verification.
* Set up Merge, Transactional and Snapshot Replication on remote server.
* Configured and administered Fail-Over Clustering, Transactional Log shipping, Replication and Database Mirroring using SQL Server 2012, 2008, and 2005.
* Performed database integrity checks using DBCC utilities and maintenance plan configuration wizard. Implemented troubleshooting of SQL Server performance issues using SQL Tools, execution plans, Trace, statistics, index tuning wizard.
* Performed database migration and upgrade from SQL Server 2005 and 2008 to 2012.
* Installed and applied Service Packs (SP) on SQL Server 2005, 2008 and 2012 using SCCM.
* Used ticketing tools like; Remedy, Jira, Cherwell, etc.
* Create and provide a 'least privilege' to users, reset password as needed
* Deployed window server patches on Window server 2012,2008 using big fix
* Installed, configured, and administered MS SQL Server 2005 and 2008 Integration Services (SSIS) and Reporting Services (SSRS).
* Performed Export & Import of databases from/to Flat file, excel Access, Oracle and MySQL to/from SQL Server Database using DTS, SSIS, and BCP.
* Generated reports by querying from SQL database by using a variety of query design tools such as text-based query designer, report model designer and MDX designer to generate report
* Responsible for backing up and restoring databases
* Performed writing T-SQL, Trigger and Stored Procedures.
* Supported remote production and development servers, clustered/non-clustered environment. Performed DBMS maintenance, backup and recovery.
* Performance tuning, Index optimize, maintaining and troubleshooting database problems
* Using third party alert monitoring tools like; SENTRYONE, to monitor server level's up and down of the server. also used this tool to diagnose database performance optimization
* Develop and Implement SOX/DSS Compliance standard

**Navayuga InfoTech - India** **Mar 2011 to Jun 2013**

**SQL Server DBA**

**Responsibilities:**

* Worked on installation and configuration of SQL Server 2005, 2008.
* Created Stored Procedures, User defined functions, Views and Wrote T- SQL codes maintaining query standards for the project.
* Developed stored procedures, triggers and functions and added/changed tables for data extraction and transformation, and data loading (ETL).
* Created new database objects like Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server 2005.
* Good experience in maintaining Log Shipping, Replication and Clustering.
* Created Views to reduce database complexities for the end users
* Designing and building data load procedures, using MS SQL Server.
* Designed SSIS packages to transfer data between servers, load data into database, archive data file from different DBMS’s using SSMS on SQL Server 2005 environment and deploy the data. Scheduled the jobs to do these tasks periodically.
* Designed and Implemented the Stored Procedures and Triggers for automating tasks.