**Harikrishna M** Mobile No: **9618124790**

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### OVERVIEW

Overall, 6+years of experience in IT industry, as 5 years exp in SQL DBA Administration and Maintenance of Databases in Microsoft SQL Server on Windows based Operating systems. My expertise includes database administration, Backup /recovery, Log shipping, Mirroring, Always-on, Replication, Clustering, Performance tuning, Database Job Scheduling, Troubleshooting and Debugging.

* Having good experience in handling SQL server 2008/2008 R2 & 2012/2016/2019 env.
* Expertise in **Installing, configuring, securing, and managing SQL servers** to ensure better performance and application availability.
* Experience in working with production (**24 x 7**) and development environments.
* Working in **24\*7** environment including NIGHT/Morning/Split **Shifts**.
* Ability to perform all Database Administration (DBA) tasks like performing database backups and recovery, monitoring logs and hard disk consumption growth rate etc.
* Able to configure jobs for routine activities and troubleshooting them in case of failures.
* Good knowledge on **SQL Server Backups and Restores.**
* Handling security issues like **creation of logins/users** and providing **permissions** to them.
* Monitor SQL Server down**, SQL Server Agent, Error log**, Application and System logs, Job failures, Backup Failures, Database and Log growth, CPU, Memory, and Disk Utilization using the in-house built SQL Server monitoring tool.
* Experienced in advanced concepts of SQL server like **Mirroring and logs hipping, Replication.**
* Expertise in implementing MS SQL Server security and database permissions.
* Performing the **Failover and Failback** operations in the **cluster environment** and adding the new Disks and troubleshooting activities.
* Configuring and maintaining and troubleshooting the **Database Log Shippin**g and experience in **Mirroring DR activities.**
* Experienced in Varieties of Always on such as **BAG, DAG** & **Read-scale AG.**
* Troubleshooting Space issues and performing Capacity Planning for **Production Database servers.**
* Installing OLEDB Provider, ODBC, DB2 drivers as per client requirement.
* Database performance **monitoring** and tuning when required as per application and business requirements.
* Analysing **DASD** and get the required storage added by working with Storage team.
* Monitoring issues related to database locks/blockings/deadlocks.
* Configuring SQL Server Reporting Server, **Database Mails** to send notification for alerts.
* Daily checking and resolving the tickets depends on the priority levels.
* Responsible for performing Database Maintenance activities like **rebuilding/reorganizing** **indexes** **update** **statistics**, checking **database integrity** and clean up history on regular intervals.
* Good understanding about **ITIL** concepts like Incident Management, Problem Management, Change Management, Release Management, Configuration Management, Service Level Management Certifications (Internal Certifications).
* **Migrating databases** from SQL Server 2008 to 2012 and SQL Server 2014 to 2016.
* Updating **Service packs** and **Security patches** for the Servers.
* Installing SQL Server Reporting service, Integration service and Analysis services.’

## EXPERIENCE SUMMERY

* Working as SQL Server DBA in **Optum** from April 2017 to till date.
* Worked as Associate technical support in **Patra crop** from June 2014 to March 2016

**EDUCATION SUMMARY**

* **MCA from Gayatri college, Andhra university, Vizag**

* **Bachelor of science (computer science) from Aditya degree college, Kakinada**

**TECHNICAL SKILLS**

* **SQL Server Versions** : SQL Server 2008, 2008R,2012,2016 & 2019
* **DR Configuration** : Log Shipping, Mirroring, Clustering, Transactional

Replications

* **SQL server tools** : SQL Server Management Studio, SQL Profiler, Performance

Monitor, SQLCMD, Database Tuning advisor, SQL Server Upgrade Advisor, DMV's, DBCC Commands, SSRS, SSIS.

* **Operating Systems** : Windows Server 2008,2012,2016,2019
* **Mailing Tools** : Microsoft Outlook

### PROFESSIONAL EXPERIENCE

**Contribution**:

* Have Installed of SQL server 2008R2,2012,2016 & 2019 in our environment.
* Handled failover activity in clustering and always-on during windows patching.
* Service pack upgradation in clustered SQL instances.
* Managing Hard disk Space Utilization.
* Creating the logins, users as & when new resource allocated to project
* Managing privileges & roles to ensure the application/database security
* SQL server daily health check, SQL Server Logs and Check OS Event Logs.
* Confirm that backups have been made and successfully saved to secure Location.
* Monitoring, Scheduling and troubleshooting jobs.
* Monitoring database logs.
* Analyzing DASD and worked with CPM for storage expansion.
* Monitor the status of Maintenance jobs – schedule to run daily and on weekends. Verify backups and error log on the servers and troubleshoot on any failures or alerts.
* Creating logins, roles and granting rights assigning permissions and mappings user database on the abstract solutions.
* Administrated the SQL Server 2008/2008R2/2012/2016/2019 servers and production, Development, Test.
* Databases, Front end Application support and Performance Analysis/tuning.
* Managed Security using SQL Logins, Roles, and Authentication Modes for various categories of users.
* Troubleshooting and resolved Application issues, database performance and deadlocking issues.
* Reviewed and approved stored procs developed by the developers and data modification SQL script for production
* Good Exposure on Clustering both Active-Passive and Active-Active Environment.
* Good Exposure in always-on high availability.
* Good Exposure in replication.
* Side by Side Upgradation from SQL server 2012 to SQL Server 2014 &2014 to 2016.
* Automating daily Maintenance Jobs and Monitoring of operating system and database log files.
* Expertise in configuring and troubleshooting mirroring.
* Expertise in configuring and troubleshooting log shipping.
* Configuring linked sever between SQL server and other RDBMS like Oracle and Sybase.
* Good Exposure to Database tuning and performance analysis tools like SQL Profiler and Performance monitor.
* Monitoring the Health/Performance of the servers
* Proactively monitor production databases and optimize stored procedures for better performance.
* Resolve LOCKING / BLOCKING and resource utilization Involved in trouble shooting and fine-tuning of databases for its performance and concurrency
* Creating database snapshot in mirror server for reporting purpose.
* Creating contained database in server.
* Creating windows patching plan for servers participating in clustering and always-on availability group.
* Configuring maintenance jobs (Full and log Backup, rebuild index) in SQL server.
* Managing incidents, change requests according to their SLA.

**Projects:**

**Project #1**

Client : **UPS (United parcel service)**

Role : **SQL Server - DBA**

Duration : **Feb 2020 - till date**

Environment : SQL Server 2012, 2016 & 2019 Environment.

**United parcel service** is an American multinational package delivery and supply chain management company. UPS is one of the world largest parcel delivery companies and a global. It is powered by more than 495,000 employees connecting more than 220 nations and territories across roads, rails air, and ocean.

**Responsibilities:**

* Installing and configuring various version of SQL server 2016,2017 & 2019.
* Configuring High Availability concepts like **Always On** & **Clustering**
* Configuring & Monitoring **Database Mirroring** & **Replication.**
* Working with application team to understand their requirements towards project and providing solution.
* Handling the **priority emails** by client and get the requirement fulfilled within the timeframe.
* Configuring **DAG Distributed Availability group** Setup & **Read-scale AG**.
* Troubleshooting Application Slowness related issues.
* Worked on DBRefreshment from prod to Test or Test to Prod.
* Updating **security patches** and **Cumulative update**.
* Resolving Blocking and deadlock related issues.
* Resolving Low Disk issues and fixed it permanently.
* Worked on **DASD** **analysis** and worked with CPM team for Storage Expand.
* Worked as On call support to troubleshoot the issues and providing live support.
* Worked on **Performance** **tuning** and troubleshooting the issues.
* Identifying missing index and working with application team to improve the performance.
* Migrating the databases from SQL server 2014 to 2016 & 2017 to 2019.
* Monitoring all the jobs so that there should not be any performance impact due to failed jobs.
* Working closely on issues and providing the **RCA** to application team.
* Assigning the Database roles and permissions to users as per their requirement.
* Installing & Configuring **SSRS, SSAS** & **SSIS**.
* Worked on monthly or weekly **DB** **Refreshment** Activity.
* Worked closely on Client escalation emails to troubleshoot the issues.
* Worked on Multiple tickets and assigning the tickets to team based upon severity.

**Project #2**

Client : **UMR**

Role : **SQL Server - DBA**

Duration : **April 2017** **– Jan 2020**

Environment : SQL Server 2012, 2008 R2, 2005 and Windows server 2003/2008.

**UHG** is a market leader in the provision of a suite of medical information and healthcare services that create valuable solutions for insurers, employers, and government agencies by improving risk management and maximizing productivity. Some of our specialties like Medical Report Retrieval Services, Health Screening Assessments, Tele-interviews, PEER Reviews and Injury Management.

**Responsibilities:**

* Working closely with application development and support team to understand their requirements and provide timely solutions, for both current and future projects.
* Configuring **replication, mirroring, SQL clusters** and troubleshooting issues.
* To reduce threat to the environment identified users having SYSADMIN rights and relegate them to the appropriate rights.
* Planed phased implementation of security patches in coordination with application team to minimize downtime to end users.
* **Installation and configuration** of MS SQL Server 2005, 2008.
* Migrating databases from SQL Server 2000 to 2005 and SQL Server 2005 to 2008.
* Resolving Tickets which include creating and maintaining databases, monitoring Disk Space, database integrity, identifying missing Indexes, handling blocking
* Configuring and troubleshooting high availability scenarios like **Log Shipping.**
* Implemented **Database Mirroring** with High Availability Mode in SQL 2005
* Maintained & Monitored Alert/Schedule to make smooth replication process.
* Ensure and maintain sound backup and recovery policies and procedures.
* Backup and restoring the databases from production to test environment.
* Resolving blocking processes related issues.
* Executing the scripts in production environment.
* Updating Service packs and Security patches for the Servers.
* Monitoring of server performance.
* Performing data refresh activities from production to **Dev/Test** on need basis.
* Performance tuning of the database.
* Creating and reviewing Security features for all the servers.
* Configuring and monitoring the **Database Mirroring** and **Log Shipping.**
* Trouble shooting blocking, space issues.
* Ensuring Data consistency in the database through DBCC commands.

PERSONAL DETAILS

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| **Father name** | * **Satyanarayana** |
| **Date of Birth** | * **11-22-1988** |
| **Marital Status** | **Married** |
| **Present Address** | * **8-3-225/6/A/1, Yadagiri Nagar, Yousufguda, Hyderabad, TS, 500045** |
| **Permanent Address** | * **1-14, Kakilapeta, Pasarlapudi post, E.G.DT, A.P - 533247** |

**DECLARATION**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

**MARLAPUDI HARIKRISHNA**