**Sridaran**

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**SQL Database Administrator**

**7.5 years of comprehensive skills & knowledge in**

|  |  |  |
| --- | --- | --- |
| Automation Disaster Recovery Risk Management | Database Administration Technical Support Team Management | Installation/ Configuration Troubleshooting High Availability |

**Notable Milestones**

* Reduced SQL server installation time up to 80% by automating installation through PowerShell
* Automated SQL server in place upgrades from 2008 to higher versions (2012,2014) using PowerShell, thereby reducing 70% of time needed for inplace upgrades
* Have used waits and queues method, OS counters, profiler and various DMV’s during performance issues and identified root cause of the issues and have identified permanent fixes
* Have configured and maintained peer to peer replication between four different regions and made database accessible from respective local region and hence reduced query response time up to 50%
* Have performed SQL server cluster installations/patching in both active-active and active-passive up to 4 physical nodes
* Have designed, configured and maintained database backups for databases as per the define RTO across servers and with error rate of almost 0% and also regularly performed Restore tests to ensure RTO is met
* Baselined many servers using Perfmon counters, do reviews half yearly and if needed moved databases or added resources as per the report, and always maintained optimal server health
* Have worked in DEVOPS model, and have designed and implemented automated solution for self-help portal and DR setups thereby reducing time up to 90%
* Handled high critical financial databases with well-planned high availability solutions like Logshipping, Mirroring, AlwaysOn and maintained server uptime as per SLA defined
* Constantly reviewed bad, duplicate indexes and removed, modified as per the need and thus maintain the performance of the highly critical server
* Maintained 2000 Production servers, around 2000 instances with more than 9000 databases including VLDBs of size 9TB

**Technical Skill Set**

**Database: SQL 2005, SQL 2008, SQL 2012, SQL 2014**

* Installation of SQL server, optimal configuration of SQL server/databases, Migration of SQL server from lower to higher version, Upgradation of SQL server to new edition and patching and managed all databases
* Database security management using least privilege model
* High-Availability and Disaster Recovery (“HADR” together) using “AlwaysON Availability Groups” (AOAGs), Failover Clustering, Mirroring (Sync & Async), Replication (Transaction, Snapshot & peer-to-peer) and Log Shipping.
* Multi server backup implementation and planning recovery solution

**Performance Tuning**

* Waits and Queues method, Perfmon counters, various DMVs, DBCC commands to troubleshoot performance related issues
* Map tool for collecting metrics and server details and reviewing it periodically
* Indexing strategies, Index maintenance -Rebuild/Reorganise, identifying duplicate index, missing index and maintaining statistics.
* Baselining and benchmarking using various tools including DMV, perfmon counters

**Microsoft BI Services – SSRS, SSIS**

* Installation of SSRS and Configuration of the same using Report Services Configuration Manager
* Deploying SSRS reports and maintain security
* Installation of SSIS, Creating of SSISDB Catalog and Deploy SSIS Projects.

**Development Automation TSQL/PowerShell/NodeJS**

* PowerShell automation for many automation of regular DBA tasks like installation, migration, self-service portal
* Create Stored procedures, functions, triggers and optimized them
* Have performed role of scrum master in DEVOPS Agile team and have knowledge about Jira dashboard setup resulting in a cross functional team, with lot of automations made.
* Knowledge on Node JS, HTML for front end development

**Operating System: Windows 2003, Windows 2008, Windows 2012**

* Creation, Configuration and Management of Windows-Failover-Clustering and Windows Server Failover Clustering (WFSC).
* Cluster Disk management, adding storage and setting dependencies

**Domain Knowledge:** IT, Retail, Consulting, Insurance, Finance

**Certifications**

MS Certified Technology Specialist (MCTS-SQL Server 2008)

Oracle Certified Associate (OCA) 10g

Certified Scrum Master (CSM –Scrum Alliance)

**Career Highlights**

|  |  |  |
| --- | --- | --- |
| Fidelity Investments  iNautix Technologies  HCL Technologies | Senior Database Administrator  Senior Database Administrator  Senior Specialist | Nov’14 – Present  Mar’13 – Nov’14  Jul’09 – Mar’13 |

**As Core SQL Production DBA**

**Project #1**

Project name : EI

Client           :     Fidelity

Organization : Fidelity investments

Designation :     SQL Server Database Administrator

Environment :     SQL Server 2000/2005/2008 on Win Server 2003/2008

Team Size   :     11

Duration       :     November 14 – Till date

**Roles and Responsibilities:**

* Installation of SQL Servers 2008, 2012, 2014 stand alone and cluster installation, applying SQL Server service packs.
* Up gradation and migration of Database from SQL Server 2005 to 2008 and 2012,2014
* Installation and maintenance of clustered instances
* Worked on setting up Jira dashboard and automation
* Have successfully planned and migrated many SQL server instances during datacenter exits with less downtime and as per SLA
* Conducted root cause and analysis for database incidents and problem
* Analyzed database growth and performance metrics
* Worked in DEVOPS team, and automated logshipping, mirroring setups
* Worked in lot of performance tuning using various tools like profiler, Database engine tuning advisor and DMVs (waits and queues method)
* Have very good theoretical and practical knowledge in SQL server indexes and have created and maintained indexes according to best practices across servers
* Coordinating and working on various change requests
* SQL server Migration automation, logshipping DR test automation

**Project #2**

Project name : Se2

Client           :     Se2

Organisation : iNautix

Designation :     SQL Server Database Administrator

Environment :     SQL Server 2000/2005/2008 on Win Server 2003/2008

Team Size   :     4

Duration       :     March 13 – November 14

**Roles and Responsibilities:**

* Installation of SQL Servers 2000, 2005 and 2008.Applying SQL Server service packs.
* Up gradation and migration of Database from SQL Server 2000 to 2005 and 2008
* Installation and maintenance of clustered instances
* Maintaining Policy based management and fixing any non-compliances
* Configuring multi server jobs for backup and database maintenance using multi server administration
* Deploy Litespeed and verification of Litespeed backups
* Collecting performance counters and running PAL report for performance analysis
* Verifying Syncsort backups and restoring databases if needed from Syncsort

**Project #3**

Project name : H&S

Client           :     Heidrick & Struggles

Organisation : HCL

Designation :     SQL Server Database Administrator

Environment :     SQL Server 2000/2005/2008 on Win Server 2003

Team Size   :     2

Duration       :     November 10 – February 13

**Roles and Responsibilities:**

* Install and configure SQL server 2000/2005/2008 instances
* Create / Rename / Delete Database
* Maintained Log shipping, Replication and DB Mirroring
* Created and managed Database maintenance plans and jobs
* Performing Customer raised Change Requests like db refresh, executing adhoc queries
* Configured Database mail and thereby operators, to alert job failures
* Monitoring error logs and event viewer regularly on the servers and troubleshoot any failures or alerts.
* Planned and configured disaster recovery for critical production databases
* Define system configuration requirements, backup and monitoring strategies and develop standards relating to database management

**Project #4**

Client           :     British American Tobacco

Organization : HCL

Designation :     SQL Server Database Administrator

Environment :     SQL Server 2000/2005/2008 on Win Server 2003

Team Size  :     9

Duration       :     August 09- November 10

**Roles and Responsibilities:**

* Installation of SQL Servers 2000, 2005 and 2008.Applying SQL Server service packs
* Up gradation of Database from SQL Server 2000 to 2005 and 2008
* Estimated disk storage requirements for database software, database files & database administration needs
* Provided optimal database file layout for utilization of storage and performance acceptable to client
* Conducted root cause and analysis for database incidents and problems
* Regular monitor of servers, which includes Backup Job Monitoring and troubleshoot all the issues on regular basis
* Resolving various performance issues and running DBCC commands, SQL Profiler and NT monitoring tools
* Developed, tested & implemented a robust database backup and recovery strategy
* Implemented Log shipping and Database mirroring in production databases
* Using the Database Maintenance Wizard to make some necessary changes and keeping the performance of the server at acceptable levels

**Process oriented activities**

* Attended change control meetings
* Regularly documented all issues, Created and maintained SOP’s for activities I worked on
* Experience in Soda Remedy and BMC Remedy ticketing tools
* Worked in agile team and have knowledge in Jira dashboard

**Academia**

* Engineering in Electronics and communication 2008.( Saranathan College of Engineering, Trichy, Tamilnadu, India) 67%
* HSC 2004- 89%
* SSLC 2002- 89%

**Personal Profile**

Nationality : Indian

Date of Birth : 21st July 1987