Sundar Raj .M

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Summary:

- Over 13.7 Total IT Exp, Having 6.4 years Relev Exp. as a SQL DBA & 6 Yrs Old Technology.
- Database administration in SQL Server 2008, 2008 R/2 & 2012,2014 environments.
- Installing and configuring SQL Server 2008,2012, 2014,2016 and their various service packs
- Monitoring the Servers and their databases to ensure smooth running of daily activities.
- Ensuring successful periodical Backups and Configuring Maintenance Plans.
- Maintenance and Implementation of high availability solutions Log Shipping, Replication, Mirroring and Windows Fail over Clustering. And good in Always on Availability Replicas.
- Good Knowledge on Clustering and started working on Clustering Environment.
- Trouble shooting Server & databases issues faced by users, Develop and support teams..
- Tracing SQL statements on different events using SQL Profiler, find SQL SP, tables, Sql batch, User Interfaces. And new features Activity Monitoring, Extended Events.
- Establish and maintain appropriate Automated backups, restore and DR Plan strategies for production servers and Database Migration.
- Deploy and administering database security by creating the login, Users, Roles and assign Rights .
- Monitor and execute with Various ERP Applications Mapping Database and parameters.
- Improving the performance of the databases by jobs Tuning indexes, Updates Statistics., Synchronies.
- Work Experience in DTS- SSIS, SSRS from various data sources.. Creating and scheduled jobs and alerts.
- Support and Coordinate Replication High Availability Server, for Remote location Billing operation.

Experience Details:

- ✓ Working as Sr. Technology Specialist for **HCL TECHNOLOGIES** from 20-05-'19 to Till Date at Bangalore.
- ✓ Worked as Sr.SQL DBA   for INKNOWTECH P Ltd From 08-08-18 to To 26-04-19 at Bangalore.
- ✓ Worked as Manager, Technical, Database for Processware P Ltd. From 09-05-16 to 28-10-16 at Bangalore.
- ✓ Worked as IT Manager for TGS Ecom P Ltd from 04-09 2014 to 24-02-16 As SQL Database ERP Mapping to Database , Database Tuning, and High Availability, at Bangalore.
- ✓ Worked as SQL DBA & ERP System , Core Team for TVS Tyres Ltd., at Madurai from 17-02-06 to 18-02-13.
- ✓ Worked as Tech Support Manager, Sql DB, Deployment, Backup , Migration for HCL Infosys at Chennai client - Food Corporation of India TN Region. NIC Project from 06-12-04 to 31-10-05
- ✓ Worked as Software Programmer for VGN Holdings from 07-11-'91 to 04-12-'04 at Chennai.

Academic Details:

- Post Graduate Diploma in Computer Application Regular from GTN Arts College, Madurai Kamaraj University in 1991.
- Graduate with **PROFICIENCY AWARD** first class, (67%) from MK University -1989.
- Diploma in Mysql-PHP from NIIT Madurai.

Technical Skills:

Operating System	:	Windows x86/x64 Family, Linux
Database Tools	:	Enterprise Manager, SSMS, Query Analyzer, Activity Monitor.
RDBMS	:	SQL Server /2008,&R/2 2012,2014 (SQL 2016) DTS-SSISS
Monitoring Tools	:	Ramco Backup System, System Incorporation Support
Sql Database	:	DR Plan, Tuning, Optimization, Migration & High Availability
User Interface	:	Ramco EDK, VB.Net, ASP.Net, HTML etc
Languages& Scripts	:	T-SQL, Powershell Script ,VB.Net, HTML, Foxpro
Reporting Tools	:	SAP Crystal Reports2013, SSRS, Ramco D Marshell Reports.
Functional Domain	:	Finance, Logistics, Production, Sales, Quality, Technical and Projects.

Key Projects

Project   : #1
Organization   : HCL Technologies E City Bangalore
Title   : HCL Sixer 3 Skill Updating Program
Period   : Nov 2019 Jan-'20   Team Size   :1

Contribution:

- SQL DBA Technologies HCL Admin Arranged Various level Skill Updating Program
- Participating Technical Member follow with sharing Technical inputs and Feedback, sharing advance knowledge with SME and Team.
- And also Assigned a Rule of Program like Proof of Concept and Solutions, Advance Available Option in the SQL Technologies.
- I have Submit major POC like Automation script using PowerShell, Data Access Operators ,Data and Backup Compression, Health Check Mechanism Customized Common Setup.
- Also submit Technical Standards like Connectivity, Firewall, Execution Timeout and more.
- Overall HCL Text Academy identified me, **Top Performance Rank 1** within SQL SERVER Technologies.

Project   : #2
Organization   : HCL –Client GAIC-US.
Title   : Clone Database Creation SQL DB
Period   :Jul 2019 – Aug 2019   Team size   : 1

Contribution:

- Customer End user Requirement, some important Database need to Testing Purpose. In SQL Database Objects need to same thing but Table data only Truncates.
- Schema Refresh with Using Console command Create 7 Database for Finance Testing and corporate level Analysis. All Required Database selected As Source DB.
- As per Microsoft Release version, If created Clone Database Our Target Database All are Initially Created DB As Ready only.
- Next step that Clone Database all are want to Change to the Mode Read and Write
- This is Time Savings. And no any conflict. And also Remaining all Database objects nothing any Changes.

Project   : #3
Organization   : Inknowtech P Ltd E City
Title   : Fragmentation and Tuning
Period   : Nov-18 –Jan '19   Team Size   : Individual

Contribution:

- Collect in All user Database Table Index fragmentation information.
- That is Fragment level above 30 % for Defragmentation.
- Based on the Fragment level using DMV Sys.dm_db_index_physical_stats
- Now Update all Table Rebuild index for Tuning with Fill factor Details.
- Advantage of Defragment is Getting Reclaim space, and Good Performance Impact for the server. Also Updated stat also created.
- Above Activity Query also improved fast retrival.

Project   : #4
Organization   : Processware Systems P Ltd.,
Designation   : Table Parition Project Performance SQL DB
Period   : Jul 2016 – Aug 2016   Team size   : 3

Contribution:

- Create different files folder for storing each files groups, Using TSQL Script
- Create Horizontal parition functions it have to data. And scheme to map the file group. It is physical storage of data on disk.
- Now Link the Function, scheme and parition column be used. That column to be primary key and identify Ranges. Finally insert into data.
- Parition make more sense to break into individual fileGroups. Can get good performance benefits. Also Good I/O performance boost because can reside on different disk.

- The Sql Engine that parition to be accessed for certain Data.
- More Parition is to be accessed may use multiple processors in parallel for the data retrival. Such job important to get full advantage of performance.

Project   : #5
Organization   : TGS Ecommerce P Ltd Bangalore
Projects   : Data Compression Sql server
Period   : Jan-15 Mar-15
Role   : SQL DBA

Contribution:
- Data compression provides multiple benefits.
- It saves disk space, and it can help improve the performance of certain workloads. The benefits of data compression come at the cost of higher CPU usage for compressing and decompressing the data. Therefore, it is important to understand the workload characteristics on a table before deciding on a compression strategy.
- Data compression provides flexibility in terms of levels of compression (row or page) and the objects you can compress (table, index, partition). This enables fine-tuning the compression based on the characteristics of data and the workload.
- Another important advantage of data compression is that it works transparently to the application, and it works well with other SQL Server features, such as TDE and backup compression.

Project   : #6
Organization   : TVS Sri ChkaraTyres Ltd,Madurai,TN
Projects   : Configuration Management
Role   : SQL Database Admin
Period   : Sep 2012 - Dec-12   Team size   3+1
Contribution:
- Configuration Management All Server (Production, Test, Application, Citrix, Report and Intranet Server) Client and servers, monitoring all system Configuration.
- This is very useful for system level Updating and Monitoring.
- Easy to Manage Network and Remote Services. Learn, & gather knowledge IT Infrastructure
- Advance Planning for Maintenance work. Very useful for Management and end user.
- Met with **Deloitte IT Audit** for IT Dept. That Audit appreciated me, and suggested to, All updation including Ramco Fix Create Document. Daily Backup also keep it copy outside of the factory and in Server Room Log Register to be Maintained.

Project   : #7
Organization   : TVS Sri ChakaraTyres Ltd , Madurai. TN
Projects   : Database Tables Index for Server Performance Tuning
Role   : SQL Database Admin
Period   : Nov 2010 – Feb 2011 once in 3 Months Team size
Contribution:
- All User Database Tables, select top 10 Size wise then Create Index for improve performance and it will reduce, Database Sizes.
- Ensuring that all databases are backed up on a regular basis by monitoring full, differential, transaction log backups.
- Work experience on high availability solutions Mirroring, Log shipping, Replication.
- Gain knowledge on Clustering and working on Clustering Environment.
- Managing Security, Permissions of Server Roles and Database Roles.
- Restoring databases as requested; troubleshoot databases with data consistency problems.
- Transformed data from one server to other servers using tools like Database copy wizard, DTS Import and export wizards , SSIS Package.
- Monitoring disk space utilizations, sizing, and capacity planning.
- Planning and implementing and performing all types of backup and recovery operations.
- Point-in-time Recovery of the production databases, in the event of application failure.
  Creating and monitoring Database mirroring environments based on the DR solution

Projects   : #8
Organization   : TVS Sri Chakra Tyres Ltd Madurai
Projects   : Database Migration to Production Server (HR DB & Base Automation DB)
Role   : SQL DBA Core Team Support
Period   : May 2009 – Jul 2009   Team size   : 3

Contribution:

- Database Migrate to Production Server. Ideally Running Databases Migrate to Production server, Cost and Time Saving.
- Data we can provide a single point Maintaining and monitoring System Resources.
- L1 support of Database Activities Like increase log file size, database size
- Check the backup status of the databases
- Experience in performing daily health checks of servers and Service Availability checks.
- Involved in daily reporting of Incidents and event management.
- Knowledge Transfer to new team members and knowledge sharing with the team member.
- Good impact available single window in MIS Report Cost Saving and good performance.
- Resolving small issues file size issues, disk space issues, job failure issues under guidance of L2 Support

Project   : #9
Organization   : TVS Sri Chakra TyresLtd Madurai
Project   : Ticket System (Ramco Fix) Management
Period   : Feb-10- Jun-10   Team Size : 1+2

Contribution:

- Collection information from Customer consolidate and send to Vendor.
- Raise Ticket for Database Update and issues with target time
- Maintenance Server updation, application improvements etc.
- Apply query, patches, table modification on the trial basis.
- User testing with conformation from end user finally apply live server. Then closed to earlier created the Ticket System.

Project   : #10
Organization   : HCL Infosys Chennai - Client Food Corporation of India **IISFM National Project**
Designation   : Project Implementation SQL DB and NIC ERP
Period   : Jan 2005 – Oct 05   Team size   : 5+1
Achievement   : After 6 Month I had selected **Technical Support Manager** for this Project.

Contribution:

- Installing and configure the SQL Server 2000
- Taking the backups and restoring databases as requested
- User Training, Each Module and DB Configuration to FCI Staffs.
- Log space issues, database file size issues
- Data Transfer to Online Depot to District Office and FCI Zonal Office
- Managing Security, Permissions of Server Roles and Database Roles.
- Maintenance and troubleshooting the log shipping jobs.
- Map with NIC ERP Application Virtual Directory Display and DB Access.
- Schedule the jobs as per the request
- Run the scripts which are provided by the application team, NIC ERP New Delhi
- Depot Module and District Module manage all databases. Send feed back to NIC Development Team and HCL National Coordinator.

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Candidate Signature

(M.Sundar Raj)

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