**Certification No:318384540ESWAR PRASAD**

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**Professional Summary:**

**9+ years** of dedicated experience in Design, Development, Implementation & Administration of Client-Server Applications, Legacy & Database systems using **MSSQL 2000/2005/2008/2008 R2/2012/2014/2016, T-SQL.**

* Expert level skills in Database Administration in SQL Server **Installation and Configuration** on(MS SQL 2000, 2005, 2008 R2, 2012 and 2014)
* Experience in high configuring High Availability and **Disaster Recovery procedures Clustering, Log Shipping, Replication, Mirroring and Always-on Availability Group**
* Involved in updating **Windows Patches** and **SQL Server Patches** on different versions of Windows Operating System and SQL Server
* Designed **AlwaysOn**HADRarchetecture for high priority servers on SQL Server **2014/2016**
* Created multiple **availability groups** per application for SQL Server AlwaysOn
* Design and maintenance routines on **AlwaysOn 2014/2016** for backups, Integrity checks, Index Maintenance and update statistics.
* Automating SQL Server **alerts** to the email for **AlwaysOn and Mirroring** using event ID from event viewer
* **Build and configuring** SQL Server AlwaysOn on SQL 2016 **with 2 node and 3 node cluster** within same domain.
* Maintained the 4TB size of huge databases
* Troubleshoot Database mirroring and AlwaysOn issues when the database went to out of synch, Data movement suspended, Redo thread increases. Failover and failback.
* Performed on SQL Server **Backups, Recovery, Disaster Recovery** and **Capacity** Planning’s
* Developed Comprehensive DB Backup strategies and successfully implementing Various **Backup**, **Restore** Methodologies using third party tools like SQL Lite speed etc.
* Worked on **Stored Procedures, Tables, Functions, Views, Indexes, Triggers, User Defined Functions and Distributed Queries** in all environments
* **Migration experience** from

MS SQL SERVER 2000 to 2005/2008

MS SQL SERVER 2005 to 2000/2016

* Experienced in writing T-SQL (**DDL**, **DML**, and **DCL**), Expert in implementing business logic in backend Reviewing **T-SQL code**, maintaining coding standards in all SQL Server environments
* Expertise in DMV’s, SQL Profiler, Database Engine Tuning Advisor, Activity Monitor, execution plans, Performance dashboard and Performance Counters
* Experience in Monitoring Databases for **Deadlock**, capturing long running SQL queries, used HINTS for fine-tuning SQL statements that better result in efficient SQL statements processing
* Worked on **Change Data Capture (CDC)** and **Transparent Data Encryption (TDE) and Idera monitoring tool**
* Implementing efficient Database Design principles including Partitions and Compression techniques
* Monitored **Full/Incremental/Daily** Loads and support all scheduled **ETL** jobs for batch processing
* Experience in installing, configuring, developing reports using  **Reporting Services**
* Worked on SQL **Analysis services administration, Implementation of snowflake or star schemas in designing OLAP** solutions
* Exposure to multiple Database systems like **MSSQL, Oracle, DB2 and IMS**
* Creating **Azure SQL Databases** for PaaS and managing scale up and scale down for the pricing criteria.
* Managing **Azure SQL Data warehouse** databases created using star schema and snow flake design.
* Administer & Support mission critical databases and provide **24\*7 Production support**
* Subscribe **SQL server AZURE** Cloud Services.
* Create databases on SQL AZURE
* Setting up connection string and connecting SQL Server AZURE databases from locally installed SQL Server Management Studio for developers.

**Educational Qualification:**

* Bachelors of Technology in computer science

**MICROSOFT CERTIFICATIONS:**

* Microsoft Certified IT Professional (MCITP) - Database Administrator 2012
* Microsoft Certified Technology Specialist (MCTS) - Querying Microsoft SQL Server 2012

**Technical skills:**

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| --- | --- |
| **Databases** | MS-SQLServer 2005/2008/2012/2014, MS Access 2003, Oracle 9i/10g/11g |
| **Languages** | C, C++, T-SQL, VB Script, Java Script, HTML, XML |
| **SQLServer Tools** | Management Studio, Enterprise Manager, Index Tuning Wizard, Database Tuning Wizard, Profiler, Query Analyser, Export & Import, Precise i3 for SQL Server, Visual studio. |
| **Operating system** | Windows 2012/2008/2003/2000/Professional/ NT 4.0 Advanced Server, Unix, Linux. |
| **OLAP Tools** | SQL Server Analysis Server 2008, 2005 |
| **Software Packages** | MS Office 97/2000/XP, 2003, 2007, MS Outlook 2003, 2007 |

**Professional Experience:**

**OMES Data center, State of Oklahoma,** **Oklahoma Mar 2017 - Present**

**Sr. SQL Server DBA**

The Oklahoma Office of Management and Enterprise Services is a government agency which manages and supports the basic functioning of the government of Oklahoma. Like Department of Health, Department of Rehabilitation services and Department of human services.

**Responsibilities:**

* Expreinced with migration projects to SQL Server 2016 both standalone and SQL cluster
* **Setup SQL Cluster and AlwaysOn on Azure VMs.**
* Expreinced with **Foglight** monitoring tool Installing and managing SQL Server and windows level, designing dash boards for each agency.
* Setting up **SQL Server alerts for AlwaysOn** and Clustering to trigger an email if any abnormalities occurs
* Installing **SQL server 2016** both in standalone and clustermode on **Azure vm’s**
* Managing the Department of health servers, production support where we deploy the scripts and refresh the databases from production to development
* Troubleshooting the performance issues for SQL Servers like disk io subsystem, blocking and deadlocks.
* Troubleshooting the issues at server level due to windows patching, loading data from oracle cloud ( Hyperion cloud )
* Designed **AlwaysOn**HADRarchetecture for high priority servers on SQL Server **2014/2016**
* Created multiple availability groups per application for **SQL Server AlwaysOn**
* Design and maintenance routines on **AlwaysOn 2016** for backups, Integrity checks, Index Maintenance and update statistics.
* Experienced **live query plans** to troubleshoot for long running queries on 2016
* Created Extended event to capture wait types where the transaction are down.
* Generating reports from the **foglight** monitoring tool
* Experienced with **windows server core installation using PowerShell** commands to perform the change in SQL Server services
* **Migrated SSRS reports** from SQL 2005 to SQL 2016
* Architecting the SQL Server AlwaysOn on Azure VMs for windows 2003 upgrade project for department of health
* Performance troubleshooting at **Disk IO subsystem** level
* Migrating SSIS packages from SQL 2005 to SQL 2016
* Written customized script for **index optimization** based on fragmentation levels and page count of the indexes. And for checkdb and SQL
* Maintained SharePoint SQL databases on department of transportation
* Configured a database availability report which pulls data from all production instances, checking for availability, corruption, free space available in all drives
* **Build and configuring** SQL Server AlwaysOn on SQL 2016 **with 2 node and 3 node cluster** within same domain.
* Created jobs as part of maintenance solution such as backups, monitoring for long running/blocked process/deadlocks etc. Updating statistics, rebuilding index online/offline, reorganizing indexes online/offline, daily backups, transactional and differential backups to run every day
* Troubleshoot Database mirroring and AlwaysOn issues when the database went to out of synch, Data movement suspended, Redo thread increases. Failover and failback.
* Scheduling jobs for packages to pull and load data
* Automating price updates, similar database changes using SSIS
* Created new Azure SQL Database and Azure SQL Data Warehouse databases, set alerts if DTU/DWU usage reaches an optimal percentage
* Created new instance for each environment (Integration, QA, Staging and Production)
* Automated SQL Azure Data Warehouse DWU scaling up and scaling down using **PowerShell Script** in a job
* Migrated database from on-premises to Azure SQL Database/Azure VMs

**Abbott Laboratories, Chicago, IllinoisNov 2015 – Feb 2017**

**Sr. SQL Server DBA**

**Abbott Laboratories** is an American worldwide health care company. It has 74,000 employees and operates in more than 150 countries.The company headquarters are in Lake Buff, Illinois. Abbott Point-of-Care manufactures diagnostic products for blood analysis to provide health care professionals diagnostics information at the point of patient care. Abbott also provides point-of-care cardiac assays to the emergency room.

**Responsibilities:**

* Installed, managed and administrated the MS SQL SERVER 2008R2/2012/2014 production and non-production servers
* Implemented SQL Server 2012 new features like **Always on Availability Groups** for high availability of multiple databases in place of database mirroring
* Monitored **Log shipping/Transactional replication** and troubleshooting the errors
* Administered SQL Server **High Availability and Disaster Recovery** strategies
* **Migrated** MS SQL Server **2012 to 2014**.
* Experience in applying **SQL ServerService Packs** to the latest version **2008 R2** and **2012** servers
* Experience in working on **VMWare** and **Stand-alone** servers
* Responsible for supporting the production environment and solving issues in the timely manner
* Identified slow running queries by profiler & analyze load file thru query tuning wizard
* Design tables, **defining relationships (defining constraints like primary key and foreign key)** also Creating DB objects like **Tables, Views, Indexes, Stored procedures** & **triggers** using T-SQL
* Create and manage Logins, users, roles and add groups to windows and SQL server.
* Monitoring database growth activities & and take proactive steps to avoid **Transaction Log** &Space **Issues**
* Integrated Database Maintenance jobs with SQL **Lite Speed** to perform **full, differential & transaction log Backups** and schedule them with the SQL Server agent job scheduler
* Involved in setting up **Transactional Replication** and Monitor& Support Replication issues
* Scheduled weekly DBCC **DB Re-index** & other **Database Maintenance Jobs** to check database consistencies
* Implemented Backups using **lite speed and Maintenance plans** and device various Recovery methodologies
* Automated most of the **DBA TASKS** and monitoring stats
* Proactively **monitored, determined and solved** issues at **SQL**/database.
* Set up **SQL Profiler** to trace various Database activities, application Responses and Performance tune them
* Migrated SSIS packages from SQL Server 2008 R2 to SSIS 2012
* Extensively worked on SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS)
* Worked on logical and physical data base modeling with **ERWIN** tools
* **Extract Transform Load (ETL**) development using SQL Server Integration Services (SSIS)
* Extensive usage of BCP & BULK INSERT utilities for data Migrations involving multimillion records tables
* Created **Linked Servers** between SQL Servers and other Heterogeneous environments like Oracle
* Developed **Power Shell scripts** in place of **TSQL** batch script for daily maintenance activities to improve performance and scheduled scripts in central management server.
* Knowledge on **MYSQL server installation, Migration, Upgrade and production support of relational databases**
* Assign Support **Request Management** tickets and complete the work as requested
* Worked on multiple **internal projects** to support application team to fulfill their needs
* Provided Production Support on a 24\*7 basis

**Environment:**

**SQL Server 2008 R2/2012/2014, SSIS, Oracle 12, Oracle 11g, Teradata 12.0, Quality Center, MS Office, Erwin, Windows XP, Unix, Putty, Business Objects, Share Point 2013.**

**Voya financials, Windsor, Connecticut Aug 2012 – Oct 2015**

**Sr. SQL Server DBA**

Voya Financial is an American financial, retirement, investment and insurance company based in New York. Voya began as ING U.S., the United States operating subsidiary of ING Group, which was spun off in 2013 and established independent financial backing through an initial public offering. In April 2014, the company rebranded itself as Voya Financial. Voya's predecessors had first entered the U.S. market in the 1970s. As of 2013, Voya served over 13 million customers with over $500 billion in assets under management.

**Responsibilities:**

* Installation and Maintenance of **SQL Server 2008(R2)/2012 on Test, Development and Production Environments**
* Create and manage databases across **Development** and **Production** instances using **SQL Server Management Studio.**
* **Migrated MS SQL Server from 2008R2 to 2012.**
* Usage of new compression Techniques in **SQL Server 2008/2008(R2)** for backup and restore jobs
* Experience working with **TSM Backups** and **Restore.**
* **Disaster Recovery Planning, Testing, Analyzing and** continuous update of documentation.
* Implemented **Database Mirroring** and **Transactional Replication** as a part of DR plan.
* Created **Logins** and **Roles** with appropriate permissions
* Created and Maintained **Database Maintenance Plans**
* Configured **Database Mail** for failure Job notifications
* Modified **Stored Procedures** and complex **T-SQL Queries** to improve query execution process
* Written **T-SQL Scripts** for database backup jobs and daily/weekly job
* Tune slow running queries using **SQL Server Profiler and Idera Monitoring tool**
* Worked with **database tuning advisor, SQL server profiler, Performance monitor and activity monitor and Idera** for **Performance tuning**
* Experience working with **IDERA** in **Server Monitoring for Performance Monitoring, Dead Lock and Blocking**
* Import data across multiple instances using **BULK INSERT** and **BCP Utility**
* Extract Transform and Load data from heterogeneous data sources to SQL Server using **SQL Server Integration Services (SSIS) Packages**
* **Migrated** data from **DB2 to SQL Server.**
* **Migrated** data from **Oracle to SQL Server.**
* Plan, analyze and develop Ad-hoc Reports using **SQL Server Reporting Services (SSRS)** and **Report Manager** to support various user requirements
* Created and managed database objects that include **Tables, Views, User-defined Functions, Stored Procedures, Constraints and Triggers** to implement Business Logic
* Created **Clustered** and **Non-Clustered** Indexes to improve the performance of database access
* Extensively worked on performance issues like **Update statistics** and **Auto stats**
* Involved in **Logical** and **PhysicalData Modeling** process using MS Visio
* Used **MS** Visual **Source Safe** as a Version Control System
* Involved in **Change Data Capture process**
* Monitoring **Event Viewer, SQL Error logs and Log File Viewer** for Software and hardware related errors
* **Scheduled weekly jobs** and maintenance tasks for better performance
* Mentored team members to optimize SQL Queries.

**Environment:**

**Microsoft Windows 2008 Server, Microsoft SQL Server 2012, Microsoft SQL Server 2008 (R2), Microsoft SQL Server 2005, IIS Server 7, MS Visual Source Safe, IIS 6.0, Share Point 2010, XML, MS Visio**

**Huawei Technologies Co. Ltd., Bangalore , India Oct 2010 – Jun 2012**

**Role: Jr. SQL Server DBA**

Huawei Technologies Co.Ltd.**i**s a Chinese multinational networking and telecommunications equipment and services company headquartered in Shenzhen Guangdong. It is the largest telecommunications equipment manufacturer in the world, having overtaken Ericsson in 2012. Huawei was focused on manufacturing Phone switches but has since expanded its business to include building telecommunications networks; providing operational and consulting services and equipment to enterprises inside and outside of China; and manufacturing communications devices for the consumer market.

**Responsibilities:**

* Installed on MS SQL 2008/2008R2 on production, Test and Development boxes
* Working on Projects to provide DBA support for building SQL Servers for new applications (begin to end support)
* Ensures the support of established Service Level Agreements (SLAs) with internal customers
* Conducted **Data Migration** processes in the SQL Server environment using **SQL Server Integration Services 2005**
* Wrote and debugged **Stored Procedures and (DDL /DML) Triggers, Functions** as per client requirements
* Planning for backup and recovery of database information and **maintaining Hot Backups, Cold Backups.**
* Extensively used T-SQL in constructing user functions, views, indexes, user profiles, relational
* Implemented database standards and naming convention for the database objects.
* Worked with developers to tune the SQL queries using SQL Profiler
* Created Complex SQL Queries using **Views, Indexes, Triggers, Roles, Stored procedures**.
* Deploying Administration tools like **SQL DB Access, Performance Monitor and Backup Utility**.
* Managed **Database files, transaction log** and **estimated space requirements**
* Involved in Technical decisions for Business requirement, Interaction with Business Analysts, Client team, Development team, Capacity planning and upgrading of SQL Servers
* Performed **Physical and Logical Data Modeling using Erwin tool** for databases of varied sizes including VLDBs
* Created many variables, used to pass parameterized values into the package, which makes the package Dynamic.
* Performed **Database consistency checks** with DBCC, Defrag, Index tuning and monitored error logs
* Developed few **reports** using **MS SQL Reporting Services**
* Designed Incremental **Load** Packages, which use to load the updated and new data into the Enterprise Data Warehouse without removing the existing data
* Designed and Developed matrix, tabular and parametric Reports in the SQL Server Reporting Services 2005.
* Used **data mapping,** data **mining and data transformational analysis** tools to design, develop and maintain databases.
* Used SSIS and T-SQL stored procedures to transfer data from OLTP databases to staging area and finally transfer into data marts and performed action in XML.
* Provided 24/7 Production support for the database and application issues.

**Environment:**

**Windows2008/2003/2000/NT4.0, MS-SQLServer 2008R2/2008/2005/2000, SSIS, SSAS, SSRS, System Monitor / Performance Monitor, Orion.**

**Antares System Limited, Bangalore, India Jan 2008– Sep 2010**

**Role: Jr.SQL Server DBA**

Antares provides solutions and support that helps make the transition from traditional to electronic trending and auctioning At Antares, our goal is to get organizations adopt effective ways to conduct procurement activities thereby improving their bottom lines and profit margins. Antares work with our clients and partners empowers enterprises with a fool – proof procurements system, helps organizations maintain high levels of transparency, clarity and efficiency in its purchase functions.

**Responsibilities:**

* Involved in Installation and Maintenance of SQL Server 2008/2008 R2 on Development, UAT and Production Environments
* Maintaining **SQL Server 2008/2005/2000 (64 bit) on Active/ Passive Cluster** with latest Service Packs and Hot Fixes
* Planning and applying latest Service Packs to different versions of SQL Server
* Monitoring and making recommendations for performance improvement in hosted databases
* Conducting Database Refresh once in every week from **PROD to UAT, DEV, and Test** Environments
* Monitoring SQL server **Error logs, Disk Space growth, Clustering Environment**
* **Involved in index creation, index modification, code optimization and adding scheduled jobs** to re-index and update statistics in databases
* Providing **production support** to the users
* Maintain the **integrity, availability, and recoverability** of all production data systems. Planning for overall data deployment and operational health
* Setup database HA **environment** (Replication, Log Shipping) & supported Application DR test
* Responsible and Involved in **SQL Server Performance Monitoring, Server and Database optimization and Query tuning**
* Analyzed database performance with SQL Profiler and Perform Optimized indexes improve queries
* **Troubleshooting, Debugging and Performance Optimization** for SQL Server Database and Application Related issues
* Worked on performance **tuning, identifying locking and blocking** for long running queries.
* Monitoring clients' application and escalating code bugs to development team. Supports Production, UAT, and Development Environment
* Implemented the Security Best Practices for Databases using the Policy Based Management in SQL Server 2008
* Worked with **Database Backup Compression, Policy-based management, Resource Governor, SQL** server **Audit**
* Involved in the design of new schema, new tables, field definitions and mappings, stored procedures, views, indexes/key and SSIS Configuration Scripts
* Involved in cleaning up and archive the redundant data from production server
* Maintained the table performance by following the tuning tips like **normalization, creating Indexes**
* Involved in developing **ad-hoc queries**
* Involved in Upgrading **DTS packages to SSIS**, creating flowcharts for DTS packages for review
* Generated Complex reports using **Cascading parameters like Snapshot reports, Drill-down Reports, Drill-Through Reports, Parameterized Reports and Report Models and ad hoc** reports using SQL Server Reporting Services (SSRS) based on Business Requirement Document
* Performed T-SQL tuning and optimization of queries for reports that take longer execution time using MS SQL Profiler, index tuning wizard and SQL Query Analyzer in MS SQL Server 2005

**Environment:**

**SQL Server 2000/2005/2008/2008R2, Microsoft Business Intelligence, Visual Studio for SSIS, SSRS, SSAS, MS Office Access, Windows Server 2003/2008.**