**Vikram Nagampeta**

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| **SUMMARY** |

* About 10 years of IT experience in **MS SQL Server DBA** responsible for Database production support and Maintenance activities on both onprem and Azure Cloud(IaaS). I am a Certified Microsoft Azure Database Admin(**DP 300**) and Azure Admin(**AZ104**) Certified Expert with experience helping client in implementation of Identity and access management, network security controls and cloud governance.
* Expert in Installing, Configuring, Managing, Securing, Monitoring, Troubleshooting, Upgrading and Migrating SQL Server 2019/2017/2016/2014/2012/2008 R2/2008 on Clustered and Standby Environments on both on-prem and Cloud (Azure).
* Expert in High availability (HA) & Disaster recovery solutions (DR) **log shipping** (With Monitor Server Instance), **Mirroring** (High safety and High performance), **Replication** (Snapshot, Transactional & Merge) and **Clustering** (Active-Passive and Active - Active).
* Experienced with the setup of Always on Availability Groups on windows failover cluster Manager and HA/DR solution configuration and troubleshooting.
* Experienced in performing all database Administration (DBA) tasks like performing database Backups and recovery, monitoring logs and hard disk consumption growth rate etc.
* Experience in Performance Tuning. Query Optimization, Client/Server Connectivity, and Database Consistency Checks Using DBCC Utilities
* Extensive experience in using Dynamic Management View(DMV) for troubleshooting performance issues
* Hands On Experience in Writing & Debugging Stored Procedures and Triggers
* Experienced In Creating Databases based on Functional Requirements and System Design
* Experience In Assisting Application Developers In Creating Conceptual Database Designs That Meet The Business And Technical Objectives Of Various Projects.
* Experience In Code Optimization and Improving Efficiency In Databases Including Re-Indexing, Updating Statistics, Recompiling Stored Procedures And Performing Other Maintenance Tasks.
* Extensive experience in MS-SQL Server Administration including Design and implementation of
* Distributed/ Replicated Databases, planning/ implementing backup/ recovery strategies,
* Performance tuning/Query Optimization and Data Migration (CLUSTERED MIGRATION).
* Proficient with decision making on Database Recovery models based on business need and justification.
* Responsible for On-call support for 24x7 availability of database Services and ensure to meet the SLA.
* Expert in observing the trends of under unutilized database and planning, designing, migrating them to the elastic pool configuration for better performance and cost saving.
* Experienced in analysing long running queries and performance tuning for application and database performance.
* Experience in Index Maintenance, Index tuning, Rebuild & Reorganizing according to Index fragmentation, running DBCC checks, Update Statistics to check and maintain the Data Integrity.
* Experience in analysing Locks, Dead Locks and handling the Isolation Level and Concurrency Effects.
* Experienced in Backing up, restoring the database manually and also by scheduling jobs and Maintenance Plans.
* Experience in configuring DB Mail for email notifications from any SQL Server instances.
* Experienced in Performing SQL DBA tasks such as Backup, Disaster Recovery, Index tuning, performance optimization, server monitoring for CPU / Memory and Disk-Space usage.
* Experienced in troubleshooting and fine-tuning of DB performance and concurrency issue using execution plans and Index tuning.
* Great experience in troubleshooting critical performance incidents, Health checks, implementing High Availability & Disaster Recovery solutions like Always On, Application design, Clustering & Security concepts.
* Hands-on experience in implementing High Availability & Disaster Recovery solutions with Clustering, Mirroring and Always On.
* Experienced in Migrations from on-premise to Azure Cloud (IAAS and PAAS servers)
* Experienced in Implementing Data Partitioning, Purging and Archiving solutions in the Azure model databases.
* Experienced in Deploy, Configure, Maintain Compute on Azure IAAS and PAAS servers.
* Experience in Creating and configure Logical SQL servers, databases, elastic pools in Azure Cloud.
* Having hands on experience into the Reservations and Azure hybrid benefits.
* Proficient in Importing and Exporting data within Azure Cloud environment.
* Experience in taking SQL Server backups onto Cloud Blob storage for the purpose of migration and backup protection.
* Having great experience in creating and managing logins/Access levels in Azure IAAS and PAAS environments.
* Experienced in monitoring SQL Server resource utilization like CPU, Memory, I/O and Disk space.
* Experienced in resolving critical high priority tickets to meet the SLA’s
* Experienced in building VMs (& SQL Server VM’s) using Public Cloud IaaS Model for database and application needs.
* Experience with RPO (Recovery Point Objective) and RTO (Recovery Time objective) and Database archival

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| **TECHNICAL SKILLS** |

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| **Category** | **Skills / Tools** |
| **Operating Systems** | Windows Server 2019/2016/ 2012/ 2008/ 2003 |
| **RDBMS** | SQL Server 2019/2017/2016/2014/2012/2008R2/2008 |
| **SQL Server Tools** | SSMS, Query Analyzer,  System Monitor/Performance Monitor, Event Viewer, SQL Profiler, Index Tuning Wizard, Upgrade Wizard, Databases Maintenance Plan, Microsoft Azure portal. |
| **Languages** | T-SQL, DDL, DML |
| **Third Party Tools** | Visio, SharePoint, ServiceNow, Remedy |
| **Frameworks** | Struts 1.x, Spring 5, Spring Boot 2, Angular 10, IBM WebSphere Commerce |
| **Web Technologies & Services** | HTML, SOAP, REST |
| **Cloud Services** | Azure Cloud |
| **Methodologies** | Agile, Kanban, Waterfall |

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| **PROFESSIONAL CERTIFICATIONS** |

* **Microsoft Azure Database Admin (DP 300)**
* **Azure Admin (AZ104)**

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| **EDUCATION** |

* **Bachelor’s degree from Osmania University Hyderabad completed in 2009**

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| **PROJECT EXPERIENCE** |

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| **Integris Health , India (Offshore) April 2020- March 2023**  **SQL Server DBA\Azure Admin** |

**Responsibilities:**

* Providing 24/7 support for critical production databases.
* Installation, Configuration and Administration of SQL 2014/2017/2019.
* Responsible for Standard Database Maintenance tasks, Backups and Recovery Plans.
* SQL Server upgrades with new service packs and hot fixes.
* Migrated SQL Server databases (Server version upgrades)
* Experience in creation of logins, users and configuring permissions and assigning roles to users.
* Creating maintenance plans for re-organize re-build indexes and statistics update.
* Creating the jobs and monitoring the jobs and executing jobs manually.
* Configured the Full, Bulk Logged and Simple Recovery procedures.
* Allocating, shrinking, and altering the Database files.
* Performed Database Administration and Management activities in a safe, recoverable, and professional manner that ensures the optimal operation of all database environments.
* Configuring Log Shipping, Maintain and troubleshoot Log shipping issues.
* Involved in implementing, configuring, and troubleshooting Transactional Replication.
* Performing Health Checks of all the servers in Support Environment
* Configuring Always-On, Maintain and troubleshoot Always-On issues.
* Tuning the slow performance queries and supported the development team.
* Identifying long running queries and taking appropriate action against them based on the client permission.
* Monitoring log space/data file space and shrinking whenever required using DBCC Commands.
* Experienced in resolving deadlock and blocking issues by using Activity Monitor and Profiler.
* Applying SQL Server patches and Service Packs during the maintenance window.
* Raising Change requests for any production change to be made and other defined requests for their respective purpose.

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| **CA ANZ India (Offshore) Sep 2018--Mar 2020**  **SQL Server DBA\Azure Admin** |

**Responsibilities:**

* Administrating more than 90+ Database servers.
* As a part of the DBA team providing 24/7 production support to the clients.
* Install service pack for SQL 2012, SQL 2008
* Disk space Planning and Management in all the servers.
* Backup and Restoration of Database.
* Implement and maintain database security.
* Creating Users and giving appropriate permissions.
* Having experience on Scheduling Jobs and assign Jobs.
* Prepare SQL server for High Availability environment.
* Monitor the status of Maintenance jobs-schedule to run daily and on weekends (task like rebuilding indexes, fragmentation Databases, Shrink Database, and Database complete backup).
* Implementation of SQL Logins, Roles and Authentication Modes as a part of Security Policy for various categories of User Support.
* Monitoring SQL Server performance, finding deadlocks, and blocking.
* Rebuilding Indexes for better performance.
* To set up SQL Server configuration settings, Installing latest service packs and patches on production server.
* Auditing the SQL & windows login and in the SQL server level.
* Configure Maintenance plan activity to maintain the database healthy and performance.
* Working on Ticket Logging System based on Manage Now, Remedy.
* Resolve incident, service call and work order ticket based on SLA.

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| **Australian Unity India (Offshore) Jan 2018- Sept 2018**  **SQL Server DBA\Azure Admin** |

**Responsibilities:**

* Implementation of Hosting SQL services in azure IAAS and PAAS servers.
* Create and configure Logical SQL servers, databases, elastic pools in Azure Cloud.
* Deploy builds on multiple databases in Azure cloud.
* Import and Export data within Azure Cloud environment.
* Setup maintenance plans for databases using Azure Elastic jobs and Azure automation methods.
* Troubleshooting issues occurred with the databases in Azure cloud environment.
* Suggest Cost optimization solutions in Azure PAAS environment.
* Enabling Geo replication to ensure availability of the Azure databases as DR plan.
* Monitor the health check of the SQL server and review and apply azure recommendations.
* Enabling Long time retention backup policy for Azure databases.
* Creation of indexes, Partitions of the data in the Azure databases.
* Providing 24/7 support for critical production databases.
* Installation, Configuration and Administration of SQL Server 2008/2008R2/2012/2014/2016.
* Working on Standard Database Maintenance tasks, Backups and Recovery Plans.
* SQL Server upgrades with new service packs and hot fixes.
* Experience in creation of logins, users and configuring permissions and assigning roles to users.
* Creating and maintaining the SQL jobs and responsible for all the maintenance jobs successful completion at the required schedule.
* Allocating, shrinking and altering the Database files.
* Configuring Log Shipping, Mirroring, Replication and Maintain and troubleshoot High availability issues.
* Involved in implementing, configuring and troubleshooting Transaction Replication.
* Performing Health Checks of all the servers in Support Environment
* Configuring Always-On, Maintain and troubleshoot Always-On issues.
* Tuning the slow performance queries and supported the development team.
* Experienced in resolving deadlock and blocking issues by using Activity Monitor and Profiler.
* Applying SQL Server patches and Service Packs during the maintenance window.

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| **BI-Finance Microsoft India (offshore) Aug 2013- Dec 2017**  **Sr. Support Engineer –DBA** |

**Roles & Responsibilities:**

* Worked on the installation of the latest SQL Server 2008, 2012 ,2014 and well experienced in its additional features.
* Enhanced the capability of Database Mirroring using the latest feature in 2012 i.e., the Always on Availability Group.
* Worked in Active-Passive, Active-Active Cluster and DB Mirroring environment as a high availability solution.
* Performing Backup/Restore to/from Disk.
* Tuning queries which are running slow using Profiler and Statistics Io by using different Methods in terms of evaluating joins, indexes, updating Statistics and code modifications
* Expert in Performance Tuning of the Databases.
* Creating SQL agent maintenance jobs for purging data, maintaining indexes, archival operations.
* Monitored and modified Performance using execution plans and Index tuning.
* Experience in Database security and integrity planning.
* Managing Databases spread across multiple servers in Production, Development, staging & testing environments.
* 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.