**Tanuj Kargeti**

**Database Administrator (Azure SQL)**

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**JOB OBJECTIVE**

Aspiring a suitable position in progressive organization that gives me an opportunity to explore myself contributes to the development of the organization

**PROFILE SUMMARY**

* Over all 11 years of IT experience with relevant of around 6 Years of Relevant IT experience in Microsoft SQL Database Administration for very large and complex databases in SQL Server 2005, SQL Server 2008, 2008 R2 ,2012,2014,2016, 2017 and 2019 in Product support
* Expertise in SQL Server Build, Configuration, patching, decommission, HADR (Clustering, Log Shipping, Mirroring, Replication, always on), Migrations, Performance tuning and maintenance with outstanding troubleshooting capabilities in MSSQL Database Administration on Production Servers.
* Good experience in setting up SQL database environments in Azure Cloud (both IaaS and PaaS)

**SQL Server Expert in:**

* SQL server Installation, configuration and maintenance of various MS SQL Server versions 2008R2/2012/2014/2017/2019 in both on-premise and azure cloud
* Managing Security: Implementing an authentication mode; assigning logins to users and roles; assigning permissions to users and roles; planning security; managing application security
* Monitor Scheduled Jobs, Live Production Environment and other automation Jobs.
* Experience in applying necessary SQL Server service packs and CUs / Hot fixes.
* Export & Import the data Transfer from access, Excel, Access, flat files to SQL Database.
* Hands on experience in implementing the high availability techniques like Log shipping, Mirroring and Fail-over Clustering.
* Replication Monitoring (Maintenance of Agents and Publisher, Subscribers and Distributors)
* Administering the MS SQL Server by creating logins with appropriate roles, dropping and unlocking the logins, monitoring the user accounts, creation of groups, granting the privileges to users and groups.
* Involved in tuning the database and improving server performance.
* Experienced in figuring out the performance bottlenecks at database and server level by monitoring CPU usage, I\O statistics, Memory usage with DMVs, DBCCs, SQL activity monitor, Performance monitor, SQL profiler.
* SQL Query tuning and assistance to developers in optimizing their query with appropriate index creation for effective processing.
* Configuring, automating DBA maintenance and monitoring tasks like Standard DBA maintenance jobs (Backups, Index optimize and Integrity checks), Alert and DB mail configuration for report on Service availability, Capacity Management, Backup availability, SQL Server level abnormalities from error log and taking appropriate action to maintain the health of DB and SQL Server.
* Experienced in configuration of OS and SQL Server Parameters for Memory, CPU, Security and setting DB options by considering Application requirement on SQL Server Installed in windows Platform. Good experience in performing the Log Shipping and Mirroring in Production environment.
* Good Experience in Applying the DR activities using Backup and restore and log shipping.
* Good technical experience and strong troubleshooting and problem-solving skills along with the ability to perform business analysis.
* Configuration of Log shipping, mirroring and knowledge on Failover Clusters and Always-on Availability groups.
* Fixing the Orphan users and allow the users to access the databases
* Recovering the databases to point in time with respect to the customer’s requirement
* Moving the System and user databases from one location to another location
* Experienced in Creating Jobs and Sending Alerts using DB Mail.
* 24 X 7 Production Database Support
* Possess excellent communication skills, self-motivated, multi-task oriented with strong work ethics and ability to work efficiently
* Good experience in SQL server automation using PowerShell

**Azure Expertise:**

* Creation of Virtual Machines, Storage account creations, Virtual Networks and Deploying SQL Server and configuration of Always On (Azure IaaS).
* Created Blob Storages in the Azure environment to store backup files and copied files from Azure Blob to local using Azure CLI.
* Good knowledge on configuring VM scale sets and load balancers
* Created SQL Server Databases in Azure PaaS like Single Database, Elastic pools and Managed Instances
* Migrated Databases from On-Premise to Azure using tools like DMA, DMS, BACPAC and Export/Import.
* Configured Geo Replication for Azure SQL server Databases
* Good knowledge of DTU, eDTUs and DTU calculator
* Good knowledge on networking concepts like Vnet creations, subnets, Vnet Peering, P-S , S-S and Express route.
* Good knowledge on Azure migration service like Azure Migrate, Recovery site vault and DMS
* Good knowledge about SQL server general purpose and Business critical licenses.
* Created SQL Server Databases in Azure PaaS like Single Database, Elastic pools and Managed Instances.
* Backup Azure SQL DBs in Azure and Automation of SQL DB backups
* Good knowledge with Data Lake, Data factory, Data spikes.
* Good knowledge about SQL server general purpose and Business critical licenses.

**EMPLOYMENT SUMMARY**

* Working as Database Administrator at Optum, Bangalore from May 2012 -Oct 2023

**TECHNICAL SKILLS**

SQL Server Versions SQL Server 2005,2008, 2008R2, 2014, 2016 and 2017

SQL server tools SQL Server Management Studio, SQL Profiler, and Performance

Monitor, SQLCMD, Database Tuning Wizard, Microsoft Clustering Services (MSCS), SQL Server Upgrade Advisor, DTA, DMV's and DBCC Commands

DR Configuration Log Shipping, Mirroring, Clustering, Transactional Replications

Operating Systems Windows Server 2003, 2008 R2, 2012, 2016 and 2019

Ticketing Tools Remedy 7.6, HPSM

Other Essential Software Microsoft Office Word, Excel

Scripting PowerShell and T-SQL

Azure Tools/Services IaaS, PaaS, DMS, Azure Portal, CLI, Azure SQL, Elastic Pools SQL MI-

**PROJECT SUMMARY**

**Main Client : Point72 Asset Management, US (Agio Managed IT and Cybersecurity services, NY, US)**

Company : Optum, Bangalore

Role : DBA Point72 Asset Management, is an American hedge fund. It was founded in 2014 by Steve Cohen, after his previous company S.A.C. Capital Advisors pleaded guilty to insider trading charges. In 2018, the company reopened to external investors after a two-year ban and began accepting outside capital. The company's office is located in Stamford, Connecticut

Worked on many clients of Agio where Point72 is the prominent one among other hedge fund clients like HPS Investment partners, Alphadyne Asset Management, Firtree Investments, Sculptor capital and Altum Capital among others.

* Installing, configuring, managing, monitoring and troubleshooting SQL Server.
* Working closely with application development and support team to understand their requirements and provide timely solutions, for both current and future projects.
* Monitoring Clusters and troubleshooting Clustering Issues, performing failovers.
* Troubleshooting performance issues and tuning the database for better performance.
* Running SQL Server trace to troubleshoot the data issues reported by users.
* Monitoring issues related to database locks/blockings/deadlocks.
* Configuring SQL Server Reporting Server, Database Mails to send notification for alerts.
* Resolving Tickets which include creating and maintaining databases, monitoring Disk Space, database integrity, identifying missing Indexes, handling blocking.
* Migrate application content from an old server to a new server with better hardware to improve performance.
* Migrating servers from SQL 2012 to 2014 / 2017.
* Refreshing UAT environment with Production data monthly.
* Backup and restoring the databases from production to test environment.
* Provided 7 x 24 Production support for the database and application issues.
* Applying SQL Standards on all SQL servers according to the prescribed standards.
* Repetitive issues analysis and proposals for permanent resolutions.

**Client 1 : Vorwerk, Germany**

Company : Optum, Bangalore

Role : DBA

**Vorwerk** is an international diversified [corporate group](https://en.wikipedia.org/wiki/Corporate_group) headquartered in [Wuppertal](https://en.wikipedia.org/wiki/Wuppertal), [Germany](https://en.wikipedia.org/wiki/Germany). The main business is the direct distribution of various products like household appliances fitted [kitchens](https://en.wikipedia.org/wiki/Kitchens) and [cosmetics](https://en.wikipedia.org/wiki/Cosmetics). Vorwerk was founded in 1883. The company, which is family-owned and operated as a limited partnership, reported having 12,000 full-time employees and over 590,000 self-employed sales representatives in more than 70 countries worldwide as of 2014. The largest proportion of sales representatives (546,000) work for the US-based subsidiary JAFRA Cosmetics. The company posted revenue of €2.8 billion in 2014.

**Responsibilities:**

* User and monitoring ticket management and ensuring team’s adherence to SLA. This is for an inventory of almost 320 servers. 180 of them being production.
* Installing, configuring, managing, monitoring and troubleshooting SQL Server.
* Working closely with application development and support team to understand their requirements and provide timely solutions, for both current and future projects.
* Configured Mirroring, Replication, Log-shipping and Clustering setup between database servers/instances.
* Monitoring Clusters and troubleshooting Clustering Issues, performing failovers.
* Troubleshooting performance issues and tuning the database for better performance.
* Running SQL Server trace to troubleshoot the data issues reported by users.
* Monitoring issues related to database locks/blockings/deadlocks.
* Configuring SQL Server Reporting Server, Database Mails to send notification for alerts.
* Resolving Tickets which include creating and maintaining databases, monitoring Disk Space, database integrity, identifying missing Indexes, handling blocking.
* Migrate application content from an old server to a new server with better hardware to improve performance.
* Migrating servers from SQL 2012 to 2014 / 2017.
* Refreshing UAT environment with Production data monthly.
* Backup and restoring the databases from production to test environment.
* Provided 7 x 24 Production support for the database and application issues.
* Applying SQL Standards on all SQL servers according to the prescribed standards.
* Repetitive issues analysis and proposals for permanent resolutions.
* Training new employees in the team on domain and technical skills required for the project

**Client 2 : SABMiller, UK.**

Company : Optum, Bangalore

Role : DBA

**SABMiller** was a British multinational brewing and Beverage Company headquartered in Working, England on the outskirts of London until 10 October 2016 when it was acquired by Anheuser-Busch InBev. Prior to that date, it was the world's second-largest brewer measured by revenues (after Anheuser-Busch InBev) and was also a major bottler of Coca-Cola. Its brands included Fosters, Miller, and Pilsner Urquell. It operated in 80 countries worldwide and in 2009 sold around 21 billion litres of beverages. Since 10 October 2016, SABMiller is a business division of Anheuser-Busch InBev SA/NV, a Belgian multinational corporation with headquarters in Leuven.

**Client3 : National Grid, UK.**

**Company :** Optum, Bangalore

Role : DBA

**National Grid** plc is a British multinational electricity and gas utility company headquartered in London, England. Its principal activities are in the United Kingdom, where it owns and operates electricity and natural gas transmission networks, and in the Northeastern United States, where as well as operating transmission networks, the company produces and supplies electricity and gas, providing both to customers in New York, Massachusetts, and Rhode Island

**Responsibilities:**

* Maintaining and managing servers owned by the team. These servers are Windows 2003/2008 and 2012 servers, SQL Server 2005/2008/2008 R2 and 2012 supporting pre-production and testing environments with 15+ various applications.
* Installing, configuring and upgrading SQL server 2008/2008 R2 and 2012 in development and testing environments.
* Implemented high availability on the various servers using mirroring, replication and clustering.
* Proficiency and Expertise in SQL Server Backup/Recovery, Disaster recovery and planning.
* Created various jobs to monitor resources on various servers and to mail the necessary information when threshold was reached.
* Participating in deployment of different patches, builds and applications latest versions using build deployment tool Octopus.
* Administrator tasks like managing users, roles and permissions.
* Creating Database Maintenance Planner for the performance of SQL Server, which covers Database Integrity Checks, Update Database Statistics, Re-build and Re-organize indexing.
* Implemented different types of Replication models like Snapshot and Transactional Replication.
* Implemented Always-On High Availability feature in SQL 2012 servers.
* Used DMV’s, Performance dash board and tracking Performance Counters.
* Performed database consistency checks.
* Designed and implemented comprehensive Backup plan and disaster recovery strategies Implemented and Scheduled Replication process for updating our parallel servers
* Taking care of RCA (root cause analysis) for various issues.
* Knowledge on administrating Mirroring, Log shipping, Replication and other high availability methodologies.
* Use of ITSM ticketing system, process, and procedures. Creating and managing the tickets in the ITSM tool.

**EDUCATION AND CERTIFICATION**

* Graduation completed from OU University, Hyderabad in the year of 2011.
* AZ 900 – Azure fundamentals
* DP-300 –SQL Database Administrator

**DECLARATION:**

I hereby declare that the above-mentioned details to be true and correct to the best of my knowledge and belief.

**Tanuj Kargeti**