



Anashwar Nanadath

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Title: AZURE and MSSQL Database Architect, Solution Architect

Location: Bangalore

Languages: English, Malayalam, Tamil, Hindi

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Holds Valid Canada Visa –W1

Professional Summary

Seasoned Database Architect with 12 years of extensive experience in designing, implementing, and managing Azure SQL and Microsoft SQL Server (MSSQL) databases. Expertise in architecting scalable, secure, and high-performance database solutions, with a strong focus on cloud migrations, performance optimization, and disaster recovery. Proven ability to lead cross-functional teams and deliver innovative database architectures that drive business success.

Core Competencies

- Azure SQL Database Administration
 - Microsoft SQL Server (MSSQL) Administration
 - Database Design and Implementation
 - Performance Tuning and Optimization
 - High Availability and Disaster Recovery
 - Cloud Database Migration
 - Security and Compliance
 - Scripting and Automation (Terraform ,PowerShell, T-SQL , Jenkins, GITHUB)
 - Backup and Recovery Solutions
 - Capacity Planning and Monitoring
 - Troubleshooting and Problem Resolution
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Technical & Behavioural Skills

Databases:	MSSQL Server (All versions), Azure
Operating System:	Windows 2019 and below
Tools:	SSMS, DDBOOST, RedGate-SQLcomparetool, SCOM, Commvault, NewRelic, LightSpeed, PGAdmin, Putty, Netbackup, Tivoli, SSRS, Jenkins, GITHIB, APM tool , visual studio

Programming:	C#, Asp.Net, JavaScript, T-SQL, Powershell, Terraform
Methodologies	ITIL , Agile, SDLC
Project Management	JIRA, Kanban board, Service Now

Professional Experience

Client: Manulife

Date : Mar 2021- till Date

Company: Tata Consultancy Services

Role: Database Architect

Responsibilities:

Manulife Financial Corporation is a Canadian multinational insurance company and financial services provider headquartered in Toronto, Ontario. The company operates in Canada and Asia as "Manulife" and in the United States primarily through its John Hancock Financial division.

- Leading 5 member's operational and engineering group of DBAs.
- Managed and optimized over 150 databases across **Azure SQL Database, Managed instance and MSSQL**, ensuring high performance and availability.
- Led multiple teams in migrating legacy MSSQL databases to Azure Services PaaS, IaaS, resulting in a 35% reduction in operational costs.
- Designed and implemented **high availability and disaster recovery solutions using Always On Availability Groups and Azure Failover groups.**
- Automated database maintenance tasks using PowerShell and T-SQL, improving efficiency and reducing manual errors.
- Collaborated with development and infrastructure teams to design scalable and secure database architectures.
- Besides migration – act as an operational lead to address day to day production support for databases system
- Implement Microsoft's best standard and security practices across the landscape
- Expertise in **SQL server performance optimization**
- Configuring Server level and database auditing for SQL server
- Experience in Configuring alerts for Azure and on-premises SQL servers
- Data Protection via Data at REST and TRANSIT
- Deploying Azure services via **Terraform, using Jenkins pipeline and Github**
- Used **Database Migration Assistant** tool to migrate the large databases to PAAS Server and VM server
- Configure and Manage Assessment of **Azure SQL Database DTU calculator.**
- Configure and Create Customer Cloud Infra Estimate via **Azure pricing calculator.**
- Keeping the databases in right pricing tiers based on their performance history
- Managing Azure Postgresql databases
- Managing Atlas Mongo DB : Involved in DR, Upgradation
- Migrated Oracle and MySQL Databases from on-premises to Azure via **SSMA**

Client: Global Atlantic Financial Group

April 2019 to March 2021

Company: Eze Castle Integration (Formerly Alphaserve Technologies)

Role: Infrastructure Technology & Security Specialist

Responsibilities:

Global Atlantic Financial Group, through its subsidiaries, offers a broad range of retirement, life and reinsurance products designed to help consumers address financial challenges with confidence. A variety of options are available to help individuals customize a strategy to fulfill their accumulation, income, protection, wealth transfer and end-of-life needs.

- Participate and represent infrastructure groups in the quarterly, and yearly IT audits.
- Review security alerts and vulnerability Assessments and take corrective actions and document procedure as needed
- Administered and maintained **MSSQL, Azure SQL and AWS RDS** databases, ensuring data integrity, security, and performance
- Installation of SQL server, Applied service packs, troubleshooting **Always On, Clustering, Mirroring and Logshipping** issues
- Worked on performance optimization and providing suggestion to clients to improve their environments.
- created Database identifier and databases on **AWS RDS**
- Migrating Databases from on-premises sql server to AWS RDS
- Built and managed S3 buckets for backup storage on AWS .
- Managed roles and permissions to users with the help of AWS IAM .
- Initiating alarms in **CloudWatch** service for monitoring the server's performance,
- worked on Multi-AZ Replicas
- Worked on Mysql RDS Replication issues
- Performance analysis on Azure SQL servers and Azure Data Factory
- Trained and mentored junior DBAs, fostering a collaborative and knowledge-sharing environment.

Company: Xerox Technologies Pvt Ltd

Nov 2017 to April 2019

Role: Senior SQL DBA

Responsibilities

This project is 24/7 to support Microsoft SQL servers and make sure services and related applications are running as expected. Troubleshooting and resolving issues and ensure services are working as expected, performance related issues, monitoring and analyzing the performance bottlenecks in SQL Server database Systems. Handling 40TB Data warehouse Databases

- Managed SQL Server databases, including installation, configuration, upgrades, Refreshes and migrations.
- Performed performance tuning and optimization to ensure database efficiency and reliability.

- Implemented and maintained backup and recovery strategies using DDBOOST, ensuring data protection and availability.
- Collaborated with application developers to optimize SQL queries and stored procedures.
- Monitoring the databases as per the daily schedule tasks to check health of databases
- Created HADR Dashboard for monitoring the latency of major production servers.

Project 1 : IEB Project (AskMe)

Apr 2012 to Nov 2017

Client: Microsoft

Company: Brillio Technologies

Role: Associate

Roles & Responsibilities:

IMS team is an Operational DBA and working on all performance related issues, monitoring and analyzing the performance bottlenecks in SQL Server database Systems.

- Managed SQL Server databases, including installation, configuration, upgrades, Refreshes and migrations.
- Monitoring the databases as per the daily schedule tasks to check health of databases
- Installed and configured SQL Server Reporting Services.
- Created various SSIS packages based upon the requirement.
- Implemented backup and recovery solutions to safeguard data and ensure business continuity.
- SSIS ,SSRS , Objects deployments for UAT & PROD servers.
- Performance monitoring and in depth analysis on query performance.
- Closely working with Dev team to fix any job failures and also recommending them the correct indexes.
- Creating bugs and assigning to concerned team on any of the production job failures.
- Deploying objects using SQL Red gate tools.
- Knowledge on generating alerts using SCOM.
- Worked on cosmos Administration.

Project 2

Client : Walmart

Designation : Senior Associate

Responsibilities:

- Provide 24*7 production support as well on call support for SQL server Databases.
- Handling 1200+ PROD, UAT and DEV servers (SQL server 2005/2008r2,2012,2014).
- Used Clustering and Always On for High Availability.
- Providing Resolution to assigned tickets in Remedy as per SLA
- Monitoring the databases as per the daily schedule tasks to check health of databases.
- Monitoring jobs like backups, statistics, rebuild/reorganize, DBCC checkDB.
- Used Net Backups,Tivoli and CIF share for taking Backups.
- Done performance monitoring on servers.

Education

- Diploma in computer Engineering from Nettur Technical training foundation
- BCA from KSOU (Distance Mode)
- MBA in International Business from DY Patil University (Distance Mode) -Pursuing

Certifications

- Microsoft Certified: Provisioning SQL databases 70-764 and 70-765
- Microsoft Certified: AZ-104 – Microsoft Azure Administrator Associate Certification

Awards

- TCS Contextual Master Award