SONAM OJHA

Cloud Database Administrator

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PROFESSIONAL SUMMARY

Experienced and certified Azure Database Administrator with 4+ years of hands-on experience in deploying, managing, and optimizing cloud-native and hybrid database solutions on Microsoft Azure. Proficient in Azure SQL Database, Cosmos DB with a strong focus on high availability, disaster recovery, security, and performance tuning. Skilled in collaborating with cross-functional teams and aligning database infrastructure with business objectives.

TECHNICAL SKILLS

- Database Platforms:Azure SQL Database, SQL Server, Cosmos DB
- Cloud Services: Azure Resource Manager, Azure Data Factory, Azure Monitor, Azure App Service Plans
- Azure BI Services : Azure Synapse Analytics
- Security: Azure Active Directory, RBAC, TDE, Firewall Rules
- Performance & Monitoring: Query Tuning, Index Optimization, Log Analytics, Alerts
- Backup & Recovery: Geo-Replication, PITR, Long-term retention policies
- Migration Tools: DMS, DMA

PROFESSIONAL EXPERIENCE

Azure Database Administrator
Infogain, Bangalore | Jan 2023 – Present

- Spearheaded the implementation of automatic failover groups, increasing system availability by 99.99%.
- Reduced storage costs by 35% by optimizing database tier selections and archiving old data using Azure Blob Spearheaded the implementation of automatic failover groups, increasing system availability by 99.99%.
- Reduced storage costs by 35% by optimizing database tier selections and archiving old data using Azure Blob Storage.
- Led end-to-end migration of on-premises SQL Server databases to Azure SQL Database using DMA and Azure DMS, reducing infrastructure overhead and enabling cloud scalability.
- Enabled SQL Auditing and Advanced Threat Protection, improving security incident response time by 40%.
- Designed monitoring dashboards in Azure Log Analytics, which improved SLA tracking and proactive alerting by 95%.
- Implemented Elastic Pool strategies, optimizing resource usage across multiple databases and reducing costs by 25%.
- Reduced query execution time by 50% through advanced execution plan analysis and index optimization.
- Configured Geo-Replication across regions, ensuring zero RPO for critical business workloads.

Software Engineer
Nggawe Nirman Technologies, *Bangalore | Mar 2021 – Dec 2022*

- Developed and supported internal applications using Progress 4GL and integrated them with SQL-based reporting tools.
- Designed complex SQL queries and optimized stored procedures, improving reporting speed by over 50%.
- Worked closely with QA teams to debug and patch critical issues in production environments.
- Authored technical documentation and conducted user training for software deployment and maintenance.
- Streamlined data migration workflows using automation tools and custom scripts.
- Participated in code reviews to ensure quality and standards.
- Performed unit testing and assisted in UAT cycles.

CERTIFICATIONS

- Microsoft Certified: Azure Database Administrator Associate (DP-300)
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- DeepLearning.AI : Generative AI for Everyone
- Vanderbilt University: Prompt Engineering for ChatGPT

EDUCATION

DAV Institute of Engineering & Technology
B.Tech, Computer Science (2016 – 2020)

SL DAV Public School, Khagaria
Senior Secondary (2015 – 2016)

STRENGTHS

- Strong analytical and problem-solving skills
- Excellent communication and documentation abilities
- Leadership in cross-functional teams
- Focused on continuous improvement and innovation