

Ahmed Siddiqui

Email: Sidiqui20@gmail.com

Phone: 817-523-1552

CAREER OBJECTIVE

Results-oriented SQL Server Database Administrator (SSIS, SSRS, PowerBI) with over 11 years of experience, complemented by 3+ years as an SSIS/SSRS developer and AWS Cloud DBA/Developer. Expert in managing complex projects, technical teams, and fostering innovation. Seeking a challenging role to leverage my diverse skill set in database administration, AWS/Azure cloud technologies, and MySQL administration for driving operational excellence. Working knowledge on other database systems Oracle and MongoDB

PROFESSIONAL EXPERIENCE

Itnoa Group Inc, TX (*Mar 2013–Present*)
SQL Server DB Engineering Team

Client list: *Catalant pharma, AIG, Allstate, Susser petroleum, BP UK, Sams Club etc.*

- Managed SQL Server and PostgreSQL operational efforts for clients including American International Group, Inc. (AIG).
- Automated SQL Server patching using Powershell and other tools, ensuring data governance, capacity planning, and security compliance (SOX).
- Led the successful migration of databases, both MySQL and SQL Server, to AWS and Azure platforms.
- Administered, maintained, and optimized databases, ensuring high availability and performance in Azure and AWS cloud environments.
- Implemented disaster recovery strategies, conducting regular tests to ensure business continuity.
- Utilized Confluence as a document store and GitHub for version control, fostering effective collaboration and documentation.
- Collaborated closely with development teams for seamless database integration, ensuring optimal performance and reliability.
- Managed day-to-day DBA responsibilities, including performance monitoring, tuning, backup, and recovery processes across multiple database technologies such as MS SQL Server, Oracle and MYSQL.

- **MongoDB Administration:**Managed MongoDB databases in cloud environments, ensuring optimal performance, high availability, and scalability for applications requiring NoSQL data storage.Implemented best practices for MongoDB configuration, indexing, and sharding to enhance database efficiency and support growing workloads.
- **Data Modeling and Optimization:**Worked closely with development teams to design and optimize MongoDB data models, ensuring efficient storage, retrieval, and querying of data.Conducted performance analysis and tuning, identifying and resolving bottlenecks, and optimizing queries for improved response times.
- **Replication and Sharding:**Configured and maintained MongoDB replication sets and sharded clusters to achieve data redundancy, fault tolerance, and horizontal scalability.Implemented automated failover mechanisms and monitored replication lag to ensure high availability and data consistency.
- **Backup and Disaster Recovery:**Implemented automated backup strategies for MongoDB databases, leveraging cloud-native backup solutions or MongoDB-specific tools, ensuring data durability and integrity.Designed and tested disaster recovery plans, including point-in-time recovery and backup restoration procedures, to minimize downtime and data loss in case of failures.
- **Security and Authorization:**Implemented robust security measures for MongoDB databases, including authentication, encryption, and role-based access control (RBAC), to protect sensitive data.Conducted regular security audits, addressing vulnerabilities and ensuring compliance with industry standards and regulations.
- **Cloud Database Management:**Managed and optimized cloud-based databases, such as Amazon RDS (Relational Database Service), Azure SQL Database, or Google Cloud SQL, ensuring high availability, reliability, and security.Implemented best practices for database design, configuration, and maintenance to enhance performance and scalability in cloud environments.
- **Performance Tuning:**Conducted regular performance tuning and monitoring of cloud databases, identifying and resolving performance bottlenecks, query optimization, and resource utilization issues.Implemented caching strategies, indexing, and partitioning techniques to improve database query response times and overall system efficiency.
- **High Availability and Disaster Recovery:**Implemented high availability solutions, including database replication, failover mechanisms, and automated backup strategies, to ensure data availability and business continuity.Designed and tested disaster recovery plans, utilizing cloud-specific features to minimize downtime and data loss in case of failures.
- **Security and Compliance:**Implemented robust security measures, including access control, encryption, and audit trails, to protect sensitive data in compliance with industry regulations (e.g., GDPR, HIPAA).Conducted regular security assessments and vulnerability scans, addressing identified issues promptly to maintain a secure database environment.
- **Automation and Scripting:**Automated routine tasks and database maintenance activities using scripting languages (e.g., PowerShell, Bash) and cloud-specific automation tools, improving operational efficiency.Developed and maintained infrastructure as code (IaC) scripts for provisioning and configuring database resources, ensuring consistency and version control.
- **Collaboration and Documentation:**Collaborated with cross-functional teams, including developers and system administrators, to support application deployments, troubleshoot issues, and optimize database performance.Maintained detailed documentation of database configurations,

procedures, and troubleshooting steps, facilitating knowledge sharing and team collaboration.

- Continuous Learning and Certification: Stayed updated with the latest cloud database technologies and best practices, earning relevant certifications (e.g., AWS Certified Database Specialty, Microsoft Certified: Azure Database Administrator Associate).
- Foundational ETL Knowledge: Developed a fundamental understanding of ETL (Extract, Transform, Load) processes, primarily using SQL Server Integration Services (SSIS) for on-premises data integration tasks. Assisted in creating and executing basic SSIS packages for data extraction, transformation, and loading tasks under supervision.
- Cloud Platform Proficiency: Acquired mid-level experience in cloud technologies, particularly AWS (Amazon Web Services) and Azure. Assisted in migrating and managing data workflows in AWS and Azure cloud environments, gaining exposure to cloud-based ETL solutions.
- Introduction to Snowflake Data Warehousing: Gained exposure to Snowflake, a cloud-based data warehousing platform, learning fundamental concepts of data storage, retrieval, and integration in cloud environments. Collaborated with team members on basic tasks within Snowflake, such as data loading and simple querying, to contribute to ongoing projects.
- Data Transformation Support: Provided support in data transformation initiatives, focusing on basic cleansing and formatting tasks using SSIS transformations in on-premises and cloud environments. Assisted in the implementation of straightforward transformations in Snowflake, working closely with senior team members to learn best practices.
- Collaborative Learning and Cloud Integration: Actively participated in team discussions and training sessions to expand knowledge in ETL methodologies, cloud technologies (AWS and Azure), DNA analysis, and data warehousing. Engaged in self-paced learning, exploring online resources and tutorials to strengthen understanding of ETL concepts and cloud-based solutions.
- Problem-Solving and Teamwork: Contributed to problem-solving efforts within the team, collaborating with colleagues to troubleshoot minor issues related to ETL processes, cloud platforms, and Snowflake functionalities. Worked collaboratively with experienced team members, absorbing knowledge and guidance to enhance skills in DNA data analysis, ETL technologies, and cloud integration.

ATOS Origin, TX (Mar 2010–2013)

SQL Server Database Administrator

- Managed 650+ SQL servers for multiple clients, overseeing a team of 25 offshore DBAs.
- Implemented Azure and AWS SQL Server solutions, optimizing database performance and ensuring high availability.
- Conducted comprehensive database management tasks, including backup, recovery, and performance tuning, in both cloud and on-premises environments.
- Utilized Confluence and GitHub for documentation and version control, ensuring streamlined collaboration and knowledge sharing.

- Led database migrations and managed the transition process, ensuring data integrity and minimal downtime.
 - Implemented robust disaster recovery plans, conducting regular tests to validate the effectiveness of the strategies.
 - Collaborated closely with developers and system administrators for smooth integration and troubleshooting.
-

EDUCATION

Bachelor of Engineering and Technology in Computers

Jawaharlal Nehru Technological University (JNTU), KukatPalli, Hyderabad, India

CERTIFICATIONS

- Microsoft Certified Professional
 - ITIL Certified
 - AWS Associate Architect Certified
-

TECHNICAL SKILLS

- **Databases:** MS SQL Server (2000/2005/2008/2012/2014/2016/2019), MySQL, PostgreSQL, Azure SQL, AWS RDS, MYSQL, ORACLE, MongoDB
 - **ETL Tools:** SSIS, SQL Deployment using Powershell, VM Orchestrator, Chef
 - **Reporting Tools:** SSRS, Business Objects XI, Crystal Reports XI, QlikView, PowerBI
 - **Version Control:** GitHub
 - **Document Store:** Confluence
-

ADDITIONAL INFORMATION

- Demonstrated leadership skills by effectively managing technical teams of various sizes.
- Strong problem-solving abilities with a focus on innovative and efficient solutions.
- Proven ability to work closely with senior management and stakeholders to achieve project goals.
- Exceptional communication skills, both written and verbal, enabling effective collaboration with cross-functional teams.