

Sahul Mohamed J

Microsoft SQL Database Technical Lead



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KEY STRENGTHS: Database Technical Lead, Migration & Upgradation, Project Management, Problem Management, Quality Assurance, Change Management, Capacity Planning, SQL Security Management, Automation, HA & DR (Always ON)

SUMMARY:

- 13+ years of experience in **Installing, Configuring, Administering, Securing & Managing SQL Server 2019/2017/2016 /2014 /2012 /2008R2 /2008 /2005** database environments.
- Identified and worked to remove barriers to successful completion of the overall project, with particular emphasis on resolving issues with subcontractors (**Project Management**)
- Identified root cause and implement short/long term fixes for issues (**Problem Management**)
- **Planning and Implementation of Data Archiving** strategies using data retention procedures.
- Approved and ran scripts for **Quality Assurance** and Production releases via **Change Management** and do regular **Capacity Planning** checkups.
- Strong experience in **Migrations/Upgradation** to higher versions (2008, 2012 to till 2019).
- Proficiency in SQL Server **AlwaysON** High Availability (**HA**) and Disaster recovery (**DR**)
- **Automation** of SQL Server activities including Scheduled and Maintained routine Jobs
- Recommend and implement **Database Security Policies** of best practices (**CIS Microsoft SQL Server Benchmarks**).

EDUCATION:

- Bachelor of Engineering (**BE, ECE**)

ORGANIZATIONAL EXPERIENCE:

SQL Senior DBA:

- **Public Investment Fund (PIF), KSA** , deputed from **Addar Group** (Aug 2021 to till date)

Technical Lead (SQL Security):

- **SABIC, KSA** , deputed from **Wipro Technologies** (Sep 2019 to May 2021)

Technical Lead:

- **First Abu Dhabi Bank , UAE** , deputed from **Wipro Technologies** (Dec 2018 to July 2019)

Senior Consultant:

- **First Abu Dhabi Bank, UAE**, deputed from **Mindpool Technologies**(Oct 2016 to Oct 2018)

Database Admin Senior Analyst:

- **DELL International Services, Bangalore, India** (Mar 2012 to Dec 2015)

Software Engineer:

- **DELL International Services, Bangalore, India** deputed from **Technosoft Global Services Pvt Ltd.** (Jun 2011 to Mar 2012).
- **Dhithi Infoserve Pvt Ltd., Bangalore, India** (May 2009 to Feb 2011).
- **Ofaacs Technology, Chennai, India** (May 2008 to Feb 2009).

CERTIFICATION:

- **Azure DevOps Engineer Expert (AZ-400)**
- **Azure Solutions Architect Expert (AZ-300 & AZ-301)**
- **Azure Administrator Associate (AZ-103)**
- **Azure Security Engineer Associate (AZ-500)**
- **MCSE (Microsoft® Certified Solutions Expert): Data Management and Analytics**
- **MCSA (Microsoft® Certified Solutions Associate): SQL 2016 Database Administration**
- **MCTS (Microsoft® Certified Technology Specialist): SQL2008 Implementation & Maintenance**

TECHNICAL SKILLS:

Database Servers	: SQL Server 2019, 2017, 2016, 2014, 2012 , 2008 R2 & 2005
Programme	: SQL Script
Operating Systems	: Windows Server 2019, 2016, 2012, 2008
Backup Tools / Software	: Light Speed, Veritas NetBackup, Veeam Backup
Third Party Tool	: HP Service Manager, VERITAS , SQL LiteSpeed, Veeam Backup Tool

Roles & Responsibilities as SQL Senior DBA:

Environment: SQL Server 2019, 2017, 2016, Windows Server 2019, 2016, 2012

Client: PIF (Public Investment Fund)

Responsibilities:

- As **Senior DBA, design and implement disaster recovery strategies** for database environment to make sure we have 24/7 availability using Always ON Availability Groups.
- Primarily Responsible for Implementing the HA & DR **strategy for SQL Server**.
- Identified and worked to remove barriers to successful completion of the overall project, with particular emphasis on resolving issues with subcontractors
- Planned and facilitated project review meetings to expedite requirements and resolution of project issues.
- Worked closely with Microsoft to make sure the recurring issues are fixed in our Database environment as well as making our **SharePoint 2019 Upgradation** environment.
- Implementing the **Security** strategy for each environment and the required **backup strategy & Restore policies** as well.

Roles & Responsibilities as Technical Lead (SQL Security):

Environment: SQL Server 2016, 2014, 2012, Windows Enterprise Server 2016, 2012

Client: SABIC

Responsibilities:

- Work with Business IT teams to continually improve the security posture of their application and solution portfolios
- Recommend and implement **Database Security Policies** of best practices (**CIS Microsoft SQL Server Benchmarks**).
- Work with peers throughout the company to collect input on needed security capabilities
- Gain understanding of the effectiveness of security policies and technologies
- Support management in understanding architectural and operational information risk within/against the company
- Staying current on security technologies, trends, standards and best practices
- Continually update relevant security skills
- Guides maintenance, upgrades, and support for existing systems and infrastructure to ensure operational stability
- Create a strategy to mitigate risk and close security gaps by performing vulnerability assessments and auditing controls
- Document the process, solution and implementation
- Collaborate with colleagues on authentication, authorization and encryption solutions
- Respond to information security issues during each stage of a project's lifecycle
- Define, implement and maintain corporate security policies

Roles & Responsibilities as Technical Lead:

Environment: SQL Server 2005, 2008 R2, 2012, 2014 & 2016, Windows Enterprise Server 2008, 2012 & 2016, VERITAS Backup Tool & HP Service Manager

Client: FIRST ABU DHABI BANK (**FAB**)

Responsibilities:

- As **Technical Lead**, **design and implement disaster recovery strategies** for database environment to make sure we have 24/7 availability.
- Primarily Responsible for Implementing the **Disaster Recovery strategy for SQL Server** in the company.
- Identified and worked to remove barriers to successful completion of the overall project, with particular emphasis on resolving issues with subcontractors
- Planned and facilitated project review meetings to expedite requirements and resolution of project issues.
- Worked closely with Microsoft to make sure the recurring corruption issues are fixed in our Database environment.
- Implementing the **Security** strategy for each environment and the required **backup strategy** as well.
- Working closely with **Network Operations center NOC** to make sure any issues that may arise are immediately taken care of.
- Worked on implementing **AlwaysON environment** using SQL Server 2016 for 24X7 **high availability** of FAB website as part of the **DR** implementation.

Roles & Responsibilities as Senior Consultant:

Client: FIRST ABU DHABI BANK (**FAB**)

Automation:

- Always ON Health Status
- Always ON Database Synchronizing Fix
- SQL Server Backup Notification Daily
- SQL Server Full and Differential Backup Check
- PLE Verification (to know memory pressure)
- Blocking Tree Notification
- SQL Server connectivity check via Linked Servers
- SQL Agent Notification

Responsibilities:

- **Lead the Integration project team on** defining and Implementing the Processes required for proper data conversion from the Existing system to the New System
- Identified and worked to remove barriers to successful completion of the overall project, with particular emphasis on resolving issues with subcontractors
- Strong experience in MS SQL Server **Migrations/Upgradation** from lower (2005 & 2008) to higher versions (2012, 2014 & 2016).
- Performed database Logical and Physical Design, **Maintenance, Tuning, Archiving, Backups, Replication, Recovery, Software Upgrades, Capacity Planning** and Optimization for SQL Server Databases.
- Resolve database performance issues, database capacity issues
- Managing Production, Development and Test Database in **24x7** environments.
- Taking online Tape backup of Databases through **VERITAS**.
- Strong hands on experience on High Availability features such as **Log shipping, Replication, Database Mirroring** , SQL failover clusters and **Always ON Availability Groups**
- Ensuring proper Disaster Recovery solution is in place for all production databases.
- Experience in troubleshooting and resolving DB integrity issues, performance issues, **blocking** and **deadlocking** issues, replication issues, log shipping issues, connectivity issues, security issues etc.
- Proven abilities to detect and troubleshoot SQL Server related CPU, memory, I/O, disk space and other resource contention.
- Strong knowledge of backups, restores, recovery models, database shrink operations and DBCC commands
- Strong knowledge of index management, integrity checks, configuration, patching. How statistics work, how indexes are stored, how they can be created and managed effectively.
- Knowledge of SQL Server tools (Profiler, DTA, SSMS, SSCM, PerfMon, DMVs, system sprocs)

Roles & Responsibilities as Database Admin Senior Analyst:

Environment: SQL Server 2008 R2/2012 Enterprise, Windows Enterprise Server 2008/2008 R2/2012, .NET Framework, SQL Lite Speed & Foglight

- Worked on SQL Server 2008/**2012 Migration/Upgradation** from SQL Server **2005/2008**.
- Worked with **FogLight** IT Infrastructure Performance Monitoring Software Tool
- Major Contributions in trouble shooting and fine-tuning of databases & performance tuning.
- Monitor and proactive in identifying and resolving potential issues using DMVs
- Proficiency in SQL Server Replication, Mirroring, Backup/Recovery, Disaster recovery and Planning.
- Having hands on experience in DR processes including Log Shipping and Database Mirroring.
- Migrated SQL server 2008 to SQL Server 2012 in Microsoft Windows Server 2012 Enterprise Edition.
- **Index Rebuilding** / Monitoring the indexes at regular intervals for better performance.
- Recovering the databases from backup in disasters. Implementing Point-In-Time Recovery.
- Experience in using SQL Server Profiler, SQL Server Agent, and Database Engine Tuning Advisor (DTA).
- Monitoring available physical disk space and check backups and log sizes
- Designed and implemented comprehensive Backup plan using SQL Lite Speed.

Roles & Responsibilities as a Software Engineer

Environment: SQL Server 2005/2008 Enterprise, Windows Enterprise Server 2003/2008, .NET Framework, SQL Lite Speed

- Installation, Administration and Maintenance of SQL Server Instances
- Designed and created databases, tables, views, store procedures and triggers.
- Design database Backup and Restoration Strategy
- Recovery & Restoration of databases in a specific point in time, based on the requests.
- Monitoring available physical disk space and check backups and log sizes
- Monitoring SQL server performance using SQL Profiler to find performance and dead locks.
- Rebuilding the indexes at regular intervals for better performance.
- Develop Backup & Restore scripts for SQL Server as needed.
- Design & Implementation of Multi layers in Dot Net (Presentation, Business, and Data Layer).
- Involved in the analysis, design, coding, bug fixing, bug tracking in Dot Net projects

PERSONAL DETAILS:

Date of Birth : 6th Nov 1984
Languages known : English & Tamil