

Younus Hassan

MS SQL Database Administrator

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Profile Links

[GitHub: yhassan-git-real](#)

[LinkedIn: younus-hassan](#)

Professional Summary

SQL Server Database Administrator with 4 years of experience managing production-grade databases across on-premises and AWS environments. Strong in database provisioning, migrations, performance tuning, backup/restore strategies, and automation using PowerShell and T-SQL. Adept at maintaining high availability, optimizing storage, and ensuring security compliance through auditing and best practices. Hands-on with multi-platform database operations including MySQL, PostgreSQL, and Oracle.

Professional Experience

Tata Consultancy Services

System Engineer - MS SQL DBA

13th Dec 2021 – Present

Kolkata, West Bengal

- Administer and maintain **200+ SQL Server instances** [2012-2022] and other database platforms across production, QA, and UAT environments on-premises and AWS EC2/RDS.
- Perform database **provisioning, installation, configuration**, and server builds for SQL Server 2012-2022, including standalone and clustered setups.
- Manage **database migrations** and version upgrades [2012/2014/2016 to 2019/2022], ensuring zero data loss and controlled cutovers.
- Conduct **regular patching cycles and cumulative updates**, ensuring 100% compliance with security baselines.
- Manage **security administration** - user and login management, role assignments, auditing, and Transparent Data Encryption (TDE) for compliance.
- Execute **backup and restore operations**, including **point-in-time recovery** and **database refresh** for non-production systems.
- Implement and monitor **maintenance plans** [index rebuild/reorganize, DBCC CHECKDB, backup validation] to ensure data integrity and availability.
- Troubleshoot performance bottlenecks using execution plans, DMVs, wait statistics, and I/O analysis; optimized key workloads by **10-15%**.
- Improved query performance by optimizing **TempDB** sizing, files, and contention management.
- Performed **blocking** and **deadlock analysis** using Extended Events and DMVs, reducing application timeouts.
- Automate** daily health checks, alerts, and job monitoring using **PowerShell** and **T-SQL scripts**, reducing manual workload by 40%.
- Managed **SQL Server Agent** jobs including scheduling, failure investigation, alerting, and automation workflows.
- Automated** data-purging processes for high-volume OLTP tables using SQL Agent/T-SQL, efficiently handling 1.5 TB of historical data, improving storage efficiency and eliminating manual cleanup.
- Partitioned** 2 TB of transactional tables to enhance query performance and significantly reduce maintenance overhead.
- Configured and supported **SQL Server Failover Cluster Instances** (FCIs) for high availability in production environments
- Participate in **HA/DR readiness and failover validation**; familiar with **Always On AG's, Log Shipping**, and **Replication** concepts.
- Utilize **SSMS, Extended Events, SQL Profiler, LogicMonitor, and CloudWatch** to monitor performance trends and proactively resolve issues.
- Provide L1 database support for MySQL, PostgreSQL, and Oracle environments**, including patching, provisioning, basic performance tuning, and incident resolution - as part of multi-platform database operations.
- Collaborate with application, infra, and cloud teams on **change management, incident management** and deployment activities under ITIL framework.
- Provide 24x7 on-call support** for critical production databases, ensuring incidents are resolved within defined SLAs.
- Maintain detailed documentation for operational procedures, ensuring audit readiness and knowledge continuity.

Technical Skills

Database Technologies



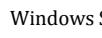
MS SQL Server 2008-2022, MySQL, Oracle 19c, PostgreSQL 16

Backup, Recovery & HA/DR



AlwaysOn Availability Groups, Log Shipping, Backup and Restore, Failover Cluster

Monitoring & Database Tools



PgAdmin, LogicMonitor, ServiceNow, SSRS, SQL Server Management Studio (SSMS), SSIS, SQL Profiler, Extended Events

Performance Tuning



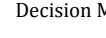
Query optimization, Index management, Execution plan analysis, Statistics, TempDB Optimization, Query Store

Operating System



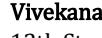
Windows Server, Basic Linux

Cloud & Tools



AWS RDS, AWS EC2, AWS S3, Terraform, AWS CloudWatch, GitHub Desktop

Scripting & Automation



PowerShell, T-SQL, PL/SQL, SQL Agent

Professional Skills



Problem solving, Communication, Cross-team-collaborations, Decision Making

Education

Jharkhand Rai University, Ranchi
Bachelor of Computer Application

Aug 2018 - Jul 2021
Information Technology

Vivekananda Central School, Hazaribagh
12th Standard

May 2016 - Jun 2018
Science (PCM)

Awards & Recognition

Star Performer – Certificate of Excellence

TCS & Tapestry

Jan 2025

Honored for outstanding contribution in SQL Server and RDS patching, along with successful storage optimization initiatives.

Dec 2024

Star of the Month

TCS

Awarded for exceptional dedication, ownership, and delivering impactful value additions to ongoing database operations.

Applause Award

TCS

May 2022

Recognized for strong performance and quick learning as a fresher during the initial onboarding phase.

Certifications & Courses

PostgreSQL DBA

RJP INFOTEK

[Certificate Credential](#)

Oct 2025

The Complete Prompt Engineering for GenAI

Bootcamp

Udemy

2025

70-462: SQL Server Database Administration (DBA)

2024

Udemy

Oracle Database Administrator DBA

2023

Udemy

SQL Server Administration Parts 1-3

2022-2023

Udemy

Interests

Exploring emerging database technologies

Leveraging GenAI tools for SQL automation and troubleshooting

Cloud and DevOps learning

Performance engineering

Languages

English

Hindi

