Dhivyadharshini M

Database Administrator | SQL Server | MySQL | SSIS | SSRS

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Professional Summary

Database Administrator with 3+ years of experience in **SQL Server and MySQL database administration**, specializing in **large-scale database migrations, performance tuning, and high availability solutions**. Certified MySQL 8.0 Database Administrator (1Z0-908) with expertise in **SSIS ETL, SSRS reporting, enterprise-scale cloud migrations (up to 15TB), HA/DR configurations (Always On, Log Shipping), and proactive monitoring solutions**. Adept at collaborating with cross-functional teams and leading post-migration support efforts for mission-critical environments

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Core Skills

- ❖ **Database Administration:** SQL Server, MySQL 8.0
- ❖ **High Availability & DR:** Always-On Availability Groups, Log Shipping, Replication, Failover Clustering
- ❖ **Backup & Recovery:** Full/Incremental Backups, PITR, Disaster Recovery Drills
- ❖ **Performance Tuning:** Query Optimization, Indexing, Execution Plans, Resource Management
- ❖ **ETL Development:** SSIS (Design, Deployment, Migration)
- ❖ **Reporting Solutions:** SSRS (Report Design, Deployment, Migration)
- ❖ **Cloud Databases:** Azure SQL Database (Basic Admin), Private Cloud SQL Server
- ❖ **Security & Compliance:** User Management, Roles, Auditing
- ❖ **Monitoring & Automation:** MySQL/SQL Alerts, Job Scheduling, Health Checks
- ❖ **Collaboration:** Migration Strategy, Post-Migration Support, Cross-Team Coordination

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Certifications

- ❖ **Oracle Certified Professional:** MySQL 8.0 Database Administrator (1Z0-908)

Professional Experience

Database Administrator (DBA Lead) | GeoPITS Global Pvt. Ltd. | *Apr 2022 – Present*

- ❖ **Led the Database Command Centre (DCC) team**, coordinating **daily monitoring, incident management, and L1 support operations** for SQL Server, MySQL, and Oracle databases.
- ❖ Managed **SQL Server and MySQL production environments**, focusing on **high availability, security, and performance**.
- ❖ Configured and monitored **Always On Availability Groups, replication, and failover clustering** to ensure business continuity.
- ❖ Led **SSIS ETL and SSRS migration projects**, ensuring **accurate data migration and reliable reporting**.
- ❖ Implemented **proactive monitoring and alert systems**, identifying issues early and minimizing production impact.
- ❖ Partnered with application teams to **resolve performance bottlenecks, optimize queries, and enhance database efficiency**.
- ❖ Conducted **pre- and post-maintenance checks, patching activities**, and resolved production incidents **within SLA**.
- ❖ Performed **backup and recovery drills**, reducing downtime risk by 30% and ensuring disaster recovery readiness.
- ❖ **Executed archival and purging activities** for large tables and performed **performance optimizations**.

Key Projects

- ❖ **SSIS ETL Migration – Medical Domain Client**
  - ➢ **Developed, migrated, and deployed 20 complex SSIS ETL packages** from SQL Server **2008 to 2019**, including **file system to SSIS Catalog migration**.
  - ➢ **Implemented logging and error handling** to monitor ETL execution and ensure data reliability.
  - ➢ **Resolved mapping issues** and optimized package performance independently, ensuring smooth production deployment.
- ❖ **SSRS Report Migration – Restaurant Franchise Client**
  - ➢ Migrated and deployed **50+ SSRS reports** across environments.
  - ➢ Optimized queries for faster report generation and configured subscriptions.
- ❖ **Azure PaaS Database Migration (3TB, 4 Databases) – Banking/Finance Client**
  - ➢ **Extracted and imported 4 Azure PaaS databases (totaling 3TB)** to an on-premises SQL Server environment using **Data-Tier Application (DAC) and backup-restore approach**.
  - ➢ Ensured **data consistency, integrity, and validation** throughout the migration process.
  - ➢ Completed the migration over **2 days**, minimizing downtime and disruption to client operations.
  - ➢ **Resolved compatibility and schema differences** between PaaS and on-prem environments during migration.
- ❖ **Log Shipping Configuration – Fintech Client**
  - ➢ Implemented **SQL Server log shipping** for production HA/DR.
  - ➢ Automated backup/copy/restore jobs and validated failover scenarios.
  - ➢ Configured proactive alerts to detect log shipping failures.
- ❖ **Always-On Availability Groups Setup – Manufacturing Client**
  - ➢ Deployed **Always-On Availability Groups** for critical workloads.
  - ➢ Configured replicas, listeners, and WSFC integration for HA/DR.
  - ➢ Performed failover testing to validate system resilience.
- ❖ **Large-Scale Migration – On-Prem → Private Cloud (15TB, 500+ Databases, 70+ Servers)**
  - ➢ Migrated **500+ databases across 70+ servers**, including a **15TB database**.
  - ➢ Designed strategies for **Always On** and standalone deployments.
  - ➢ Acted as **Migration Engineer** and later **Post-Migration Team Lead**.
  - ➢ Automated validation scripts, reducing manual checks by 40%.
- ❖ **MySQL Monitoring & Alerts Setup – Internal Project**
  - ➢ Built proactive **MySQL monitoring alerts** for query performance, replication lag, and resource usage.
  - ➢ Automated email notifications for early detection of issues.
  - ➢ Worked closely with internal teams to define **SLA-driven thresholds**.
- ❖ **Archival & Purging Activity – Manufacturing Client**
  - ➢ **Migrated and archived 40+ largest tables** (each ranging from 500GB to 1TB) from production environments with **minimal downtime**.
  - ➢ Designed and executed **purging strategies** and **bulk insertion techniques** that **prevented log file growth** while maintaining data integrity.
  - ➢ Handled tables with **foreign key and primary key constraints**, ensuring relational integrity throughout the process.
  - ➢ Performed **index optimization, index rebuilds, and stored procedure recompilation** to enhance performance post-archival.
  - ➢ Successfully implemented different approaches to **ensure no impact on production workloads** during large-scale archival operations.

Education

Bachelor of Engineering (B.E.) – Computer Science Engineering
Annamalai University | 2022 | *CGPA: 8.5 / 10*