

JAYANTH DALAPATHI

Database Administrator | SQL Server DBA | SQL Developer

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PROFESSIONAL SUMMARY

Database Administrator and SQL Server DBA with 5+ years of experience supporting and optimizing mission-critical database environments across insurance and enterprise platforms. Expertise in SQL Server administration, performance tuning, query optimization, high availability, disaster recovery, and ETL development. Proven track record of maintaining reliable, secure, and scalable database systems while collaborating with Software Engineering, DevOps, BI, and Data teams.

Skilled in troubleshooting complex database issues, improving system performance, implementing HA/DR solutions, and supporting cloud migration initiatives. Experienced in managing production databases, optimizing workloads, and ensuring business continuity through robust backup, recovery, and resilience strategies.

TECHNICAL SKILLS

Database Platforms

Microsoft SQL Server (2012/2014/2016/2019)

PostgreSQL (Working Knowledge), MySQL

Database Administration

Database Installation, Configuration & Upgrades, Performance Monitoring & Tuning

Query Optimization, Index Management

Backup & Recovery, Database Security & Access Management

Capacity Planning, Database Migration

High Availability & Disaster Recovery

Replication, Database Mirroring

Log Shipping, Clustering, Disaster Recovery Planning, Business Continuity Management

Development & ETL

T-SQL, Stored Procedures

Views, Functions & Triggers

SSIS,SSRS,SSAS

ETL Development & Automation

Monitoring & Troubleshooting

SQL Profiler, Execution Plans

Locking & Blocking Resolution, Root Cause Analysis

Incident & Problem Management, Performance Diagnostics

Cloud & DevOps

AWS RDS & EC2, Cloud Database Migrations

Exposure to Google Cloud Platform (CloudSQL, BigQuery)

CI/CD Concepts, Git & GitHub

Tools

SQL Server Agent, ServiceNow, Confluence, Power BI

PROFESSIONAL EXPERIENCE

AUTONET INSURANCE, UK

Database Administrator / SQL Server DBA

Mar 2024 – Present

- Administer and support production SQL Server environments supporting critical insurance applications and customer-facing platforms.
- Monitor database performance, availability, and health, proactively identifying bottlenecks and implementing optimization solutions.
- Analyze execution plans, tune complex SQL queries, and optimize indexing strategies to improve database performance and system reliability.
- Configure and maintain High Availability solutions including Replication, Database Mirroring, and Log Shipping.
- Manage database backup, recovery, and disaster recovery procedures to ensure business continuity and compliance requirements.
- Collaborate closely with Software Engineers, BI teams, and Infrastructure teams to improve scalability, resilience, and database performance.

- Support database deployments, upgrades, patching activities, and release management processes.
- Investigate and resolve production database incidents, successfully handling over 500 ServiceNow tickets while reducing recurring issues by 35%.
- Develop and optimize ETL workflows using SSIS and SQL scripts to support reporting and data integration requirements.
- Create and maintain database standards, operational procedures, and technical documentation.
- Drive continuous improvement initiatives focused on automation, monitoring, and operational efficiency.

Key Achievements

- Improved platform resilience through implementation and maintenance of HA/DR solutions.
- Reduced recurring operational issues by 35% through proactive problem management.
- Supported data environments serving over 8 million insurance customers.

EZYTECH LTD, UK

SQL Developer / Database Administrator

Mar 2020 – Feb 2024

- Gather business and technical requirements with stakeholders, developers, and database teams.
- Developed and optimized complex SQL queries, stored procedures, and database objects for business-critical applications.
- Performed database performance tuning, query optimization, and indexing improvements to enhance system performance.
- Supported database administration activities including monitoring, backup validation, and issue resolution.
- Designed and implemented ETL processes and data migration solutions using SQL Server technologies.
- Participated in cloud migration initiatives, supporting the transition of legacy SQL Server databases to hybrid cloud environments.
- Implemented encryption, backup, and recovery strategies to strengthen data security and disaster recovery readiness.
- Created Power BI and SQL-based monitoring dashboards to track ETL performance and SLA compliance.
- Facilitated cross-functional collaboration between business users, vendors, and technical teams to ensure successful project delivery.
- Contributed to process improvement initiatives that increased operational efficiency and user satisfaction.

Key Achievements

- Reduced infrastructure costs through successful database migration initiatives.
- Improved data accessibility and operational efficiency through cloud modernization projects.
- Increased user satisfaction by 30% through improved SLA performance and service delivery.

EDUCATION

MSc International Project Management with EPP

Coventry University, United Kingdom

Bachelor of Engineering (B.E.)

Birla Institute of Technology & Science (BITS), Hyderabad, India

CERTIFICATIONS

- SQL Server High Availability & Disaster Recovery (HA/DR) – LinkedIn Learning
- SQL Server Performance Tuning & Optimization – Udemy
- SSIS Masterclass: ETL Development & Automation – LinkedIn Learning
- Microsoft Excel – LinkedIn Learning