MEGHA MATH

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PROFESSIONAL SUMMARY

Dynamic Database Administrator and Data Platforms Engineer with over 10 years of experience managing and optimising enterprise-scale database environments across SQL Server, Oracle, PostgreSQL, and MySQL in both on-premises and cloud platforms (Azure and GCP). Strong expertise in high availability and disaster recovery architectures (AlwaysOn, RAC, Data Guard, replication), database performance tuning, patching, and lifecycle management for mission-critical systems.

Skilled in advanced SQL development, including stored procedures, query optimisation, and execution plan analysis, alongside implementing robust backup and recovery strategies to ensure data integrity and business continuity. Proven experience in handling major incidents, large-scale database restorations, and production support in high-pressure environments.

Experienced in automation using Python, Shell, and PowerShell, with exposure to data engineering practices including ETL/ELT workflows, data pipeline enablement, and supporting analytics platforms such as Power BI and SQL Server BI stack. Recognised for collaborating effectively with cross-functional teams, leading operational initiatives, and driving improvements in platform reliability, performance, and operational efficiency.

EXPERIENCE

Concentrix Limited

Senior Data Platforms Specialist **07/2022 to Current**

[London, United Kingdom (Remote)]

- Manage and optimise large-scale enterprise database platforms across SQL Server and Azure SQL, operating within a multi-database ecosystem including Oracle and PostgreSQL environments supporting critical business and analytics applications.
- Maintain and support high availability and disaster recovery configurations (AlwaysOn, RAC, replication, backup/recovery strategies), ensuring system resilience, failover readiness, and data integrity across production environments.
- Drive advanced performance tuning initiatives, working with complex SQL workloads (stored procedures, joins, indexing strategies, execution plans) to resolve bottlenecks and improve performance across high-volume transactional systems.
- Own database lifecycle management activities, including environment builds, patching, upgrades, and release support, while leading major incident response and recovery efforts in collaboration with application and infrastructure teams.
- Develop and enhance automation solutions using Python, PowerShell, and shell scripting for monitoring, maintenance, and operational workflows, reducing manual effort and improving platform reliability.
- Support data engineering and analytics workloads by enabling ETL/ELT processes (SSIS), working with data lakehouse platforms (Dremio, Apache Iceberg, Hive Metastore), and building optimised queries and datasets for Power BI and Domo reporting.

Infosys Limited

Lead - Database Administration & Platform Services **12/2018 to 07/2022**

[Watford, UK & Pune, India]

- Acted as onsite database lead for a large-scale e-commerce client, overseeing delivery across a 20-member global DBA team and ensuring stability of mission-critical, multi-database platforms.
- Spearheaded a critical disaster recovery event during a datacenter outage, coordinating restoration of 200+ SQL Server and Oracle databases within strict SLAs, achieving zero data loss and seamless business continuity.
- Managed enterprise database environments across SQL Server, Oracle, PostgreSQL, and Azure SQL, supporting complex HA/DR configurations (AlwaysOn, Oracle RAC, Data Guard) and strengthening platform resilience while reducing high-severity incidents.
- Led large-scale database migrations and upgrade initiatives, including PostgreSQL transformations and SQL Server modernisation, aligning platform capabilities with evolving application and business requirements.
- Engineered and executed robust backup, recovery, and cloning strategies (RMAN, Data Pump, Full/Diff/T-Log, PG Dump), significantly improving recovery reliability and reducing restoration failures.
- Partnered with application, infrastructure, and release management teams to support production releases, troubleshoot critical issues, and ensure smooth change execution across environments.

Senior Database Systems Administrator **12/2015 to 12/2018**

[Pune, India]

- Delivered end-to-end database lifecycle management across SQL Server, Oracle, and PostgreSQL environments, covering installation, configuration, patching, and production support across multiple environments.
- Developed and implemented automation solutions using Python, Shell, and PowerShell, streamlining operational processes such as health checks, deployments, and maintenance, improving team efficiency by 25–30%.
- Performed in-depth performance tuning across database platforms, leveraging query optimisation, indexing, and configuration adjustments to enhance system responsiveness and reduce incident volumes.
- Built proactive monitoring and alerting frameworks using Nagios and ServiceNow, introducing standardised runbooks and improving SLA adherence across support operations.
- Strengthened database security and compliance posture through encryption, access controls, and hardening practices, ensuring secure handling of sensitive financial and customer data.
- Mentored junior engineers and conducted knowledge-sharing sessions, improving team capability, onboarding efficiency, and consistency in operational practices.

SKILLS

Databases & Platforms

- SQL Server (HA/DR, AlwaysOn, Clustering, Tuning)
- Oracle (RAC, Data Guard, ASM)
- PostgreSQL
- DR planning & execution
- Query performance tuning & optimisation
- Storage and I/O optimisation

Database Administration & Operations

- Database patching (MSSQL Server, Oracle PSU and bundle)
- Backups & restoration
- User access management
- Data/Database encryption

Cloud & Infrastructure

- Azure administration
- GCP (alerts, buckets, backups, Cloud Composer, Dataproc)
- Cloud migration planning
- API/integration support
- Azure SQL (TDE & key-based encryption)

Scripting & Automation

- Python
- Shell / Bash
- PySpark
- SQL / PSQL
- PowerShell

Data Engineering & BI Analytics

- ETL/ELT Pipeline Development
- Data Ingestion Frameworks
- Data Transformation workflows
- Dremio & Domo administration
- CI/CD Github/GitLab
- Workflow orchestration (Apache Airflow)
- SSIS, SSRS, SSAS
- Data pipeline monitoring and optimisation
- Power BI Installation (On-Prem & Cloud, gateways)

Monitoring & ITSM

- ITIL Framework
- ServiceNow ticketing and administration
- Nagios Monitoring configuration
- Proactive alerting & RCA
- Agile methodologies (Kanban & Scrum)
- Jira

Security & maintenance

- Data/Database encryption
- User access management
- Database Patching (Sql Server, Oracle PSU and bundle)
- Database backups and restoration

Leadership & Collaboration

- Team management & resources planning
- Stakeholder management
- Release coordination
- Training & mentoring

CERTIFICATIONS

- Microsoft Azure Data fundamentals DP-900
- Infosys certified ITIL 4 Foundation Associate
- Infosys certified Kanban Practitioner

EDUCATION

BACHELOR OF ENGINEERING: Computer Sciences
Basaveshwar Engineering College, Karnataka, India