RUSTAM SIVAJI

Database Administrator | Infrastructure Lead | Migration Specialist
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PROFESSIONAL PROFILE

IT professional with 14+ years' experience in database administration and infrastructure, including Microsoft SQL Server 2016/2019/2022, IBM DB2 LUW and PostgreSQL. Covers production operations, large-scale migrations, high availability, backup and recovery, performance tuning, and database security controls. Proven ability to lead time-bound database change programmes, work independently, and coordinate Development, QA, Infrastructure and Security stakeholders while keeping disruption to business services to a minimum.

Track record of planning, testing, implementing and documenting complex database work, including SQL Server administration, 100+ end-to-end DB2 LUW migrations, Pacemaker cluster builds, PostgreSQL replication, and full-stack delivery for a national payments platform. Experience with Transparent Data Encryption (TDE), key management concepts including Extensible Key Management (EKM), access control, backup of encrypted databases, and replication technologies such as mirroring and log shipping. Google Cybersecurity certified. Comfortable with out-of-hours and weekend cutovers. Industry background: **NBFC/banking (9 years includes NPCI and CLS)** and automotive manufacturing (5 years).

KEY SKILLS

Database administration: Microsoft SQL Server 2019/2022, IBM DB2 LUW, PostgreSQL; instance and database administration; standard builds; performance tuning and troubleshooting

Security and compliance: Database security, logins and roles, access controls, least privilege, vulnerability remediation, compliance regulations; Google Cybersecurity (Foundations of Cybersecurity; Play It Safe: Manage Security Risks)

Encryption and key management: Transparent Data Encryption (TDE); Extensible Key Management (EKM); encryption of production databases; impact of encryption on backup, restore, replication and performance

High availability and replication: SQL Server mirroring and log shipping; Always On concepts; DB2 HADR and QReplication; PostgreSQL streaming replication; Pacemaker and Corosync

Backup and recovery: Database (SQL Server, DB2, PostgreSQL) backup and restore including encrypted databases; maintenance plans; backup rotation; disaster-recovery testing and post-change stabilization

Project delivery: End-to-end planning, design, test strategy, execution, rollback thinking, documentation and knowledge transfer; independent ownership of workstreams

Collaboration: Regional SPOC and module lead; clear communication of technical risk and impact to technical and non-technical audiences; Jira and Maximo

Platforms and tooling: Windows Server 2012, Linux (RHEL 6/7, SUSE 15), AIX 7.2; IBM MQ, WebSphere 8.5, Apache Tomcat; Zabbix, TCS MasterCraft, IBM APM

Scripting and automation: Shell (bash/ksh), Perl, Python; cron-based monitoring, housekeeping, backup and health-check automation

PROFESSIONAL EXPERIENCE

Lead Consultant / Database Operations Track Lead, APAC

Dec 2021 – May 2026

Infosys Limited (first year contracted via Wissen Technologies) | Team size: 25

- Regional Track Lead and SPOC for APAC database operations on a major automotive manufacturing account, covering Microsoft SQL Server, IBM DB2 and PostgreSQL estates, governance and service delivery.
- Administered SQL Server 2019/2022 instances: configuration, logins and roles, index and query performance tuning, troubleshooting, and operational health checks.
- Led planning, design, execution, validation and post-migration stabilization for 100+DB/500TB+ IBM DB2 LUW migrations, managing cutover risk and business impact.
- Assessed performance implications of database changes, including encryption and high-availability work, and recommended mitigation to keep production applications stable.
- Implemented database standard builds and multi-database solutions, including SQL Server HA patterns (mirroring / log shipping) and DB2 Pacemaker/Corosync clusters.
- Worked with Infrastructure, Application and Security stakeholders to agree requirements, test approaches, change windows and rollback plans.
- Developed test and health-check routines covering availability, replication, backup of encrypted databases, monitoring and post-go-live assurance.

- Automated backup rotation, log housekeeping and replication monitoring; documented configurations and best practice for knowledge transfer.
- Communicated progress, risks and impact to technical and non-technical stakeholders; undertook planned out-of-hours and weekend work.

Software Support / Migration Executioner

Aug 2016 – Dec 2021

IBM India Pvt Ltd, *including* ***7 months on-site in Portsmouth, United Kingdom*** | Team size: 14

- Migration Handler for a major banking platform: owned end-to-end planning, coordination and execution of DB2 and infrastructure change activity for CLS client.
- Administered SQL Server databases on Windows Server, including installation, configuration, security, backup/restore and performance troubleshooting.
- Implemented and supported Transparent Data Encryption (TDE) and key-management controls, including backup and recovery procedures for encrypted databases.
- Worked with Infrastructure and Security teams on encryption configuration and integration with the wider security estate, including EKM-style external key handling.
- Designed test plans covering encryption implementation, application functionality, performance impact and disaster-recovery scenarios.
- Implemented IBM MQ split-feed using Topics for dual-destination routing; wrote CURDEPTH, object-status and environment health checks.
- Troubleshot CPU, memory, disk I/O, network and database bottlenecks; produced build and operational documentation for internal handover.

Linux and Database Administrator, Infrastructure Team

Aug 2011 – Aug 2016

Tata Consultancy Services | Team size: 5

- Administered Linux, SQL Server and DB2 environments supporting NBFC/banking workloads, covering availability, backup, monitoring and access control.
- Performed day-to-day SQL Server DBA tasks: user and permission management, maintenance plans, backup and restore, and basic performance tuning.
- Managed OS and database access controls, including SQL logins/roles and Linux sudo policy, applying least-privilege and audit-friendly practice.
- Delivered complete infrastructure from scratch for the National Automated Clearing House (NACH) application: Windows Server 2012, RHEL 6.3, Tomcat, IBM MQ, SQL Server and IBM DB2.
- Installed PostgreSQL with two-node replication for ECS applications; applied backup and recovery practice across replicated and encrypted estates.
- Enabled monitoring through TCS MasterCraft (Zabbix) with custom shell scripts for database health, KPI and alerting checks.
- Owned server provisioning, system backups, LVM/ext4/xfs filesystems and kernel-level configuration.
- Configured SSH, NFS, DNS, DHCP, FTP and SNMP; managed iptables, firewalld and SELinux; applied vulnerability remediation and compliance checks.
- Automated monitoring, housekeeping, log rotation and backup jobs with bash/ksh and cron; troubleshot CPU, memory, disk I/O and network issues.

EDUCATION

Bachelor of Technology 2011

Jawaharlal Nehru Technological University, Hyderabad

CERTIFICATIONS AND TRAINING

- Google Cybersecurity — Foundations of Cybersecurity; Play It Safe: Manage Security Risks; Tools of the Trade: Linux and SQL; Assets, threats and Vulnerabilities
- AWS -- Introduction to information Technology and AWS Cloud
- The Future of Payment Technologies – issued by University of Michigan(coursera)
- IBM MQ v8.0 System Administrator
- Hybrid Cloud SRE course; MongoDB Fundamentals (webinar)