

Mr. Srinivas S

Oracle PLSQL, PostgreSQL Professional

14+ Yrs of Expertise

SUMMARY

- MCA professional with 14+ years of experience in PostgreSQL and Oracle Administration with SQL, PL/pgSQL and PL/SQL development.
- Very good experience in database (PostgreSQL, Oracle & MS SQL) performance tuning.
- Strong experience in data warehouse schema design for Business Intelligence applications.
- Experience in providing centralized backups solutions for PostgreSQL databases.
- Experience in providing monitoring solutions for PostgreSQL databases.
- Very good experience in ETL process automation using database stored procedures.
- Knowledge on databases like MySQL, MS SQL and MongoDB. ▪ Knowledge on Microsoft Power BI

PROFESSIONAL EXPERIENCE

OpenText Technologies India Pvt Limited, Hyderabad (Sep 2018 – Till date)

Lead Database Performance Engineer

- Leading database performance team supporting database infrastructure with regular database performance tuning activities.
- Data warehouse schema designing for Business Intelligence applications using STAR schema. ▪ Setting up centralized backup environment for all PostgreSQL databases using pgBackrest.
- Configuring and Monitoring PostgreSQL databases with Grafana using postgres exporter and Prometheus.
- Developing database PL/pgSQL procedures to transform OLTP data into OLAP data for all analytical reporting dashboards.
- Providing solutions to automate ETL procedures on PostgreSQL databases.
- Migrating different databases to PostgreSQL using ora2pg.
- Analysing PostgreSQL database performance issues using pgbadger reports.
- Extensively working on database query optimization using different query tuning techniques.
- Handling customer escalations of all database related issues.
- Configuring PostgreSQL HA environment using pgbpool-II.
- Providing solutions for all other databases performance issues

**Envista Innovative Tech Services Pvt Limited, Hyderabad (Dec 2016 – Sep 2018) DBA
& Database Performance Tuning Engineer - Database Architect**

- Member of database team supporting database infrastructure with regular database administrative activities.
- Providing Solutions to performance issues for Oracle, Postgresql & MS Sql Server databases.
- Developing queries and procedures for Oracle & MS Sql Server.
- Oracle, Postgresql & MS Sql Server database administration.
- Regular database monitoring.
- Regular database backup & refresh.
- Migration of Oracle reporting database to AWS Redshift and continued support to AWS Redshift database.
- Managing data moving from Oracle to MS Sql Server using Linked Server feature.
- Scheduling jobs to populate reporting data.
- Automated tasks to remove fragmentation.

Oracle India Private Limited, Hyderabad (May 2015 – Nov 2016)

Member Technical Staff

- Member of performance team supporting database infrastructure with regular database administrative activities.
- Analysing SQLHC reports, execution plan and providing recommendations to improve sqls performance.
- Generating and Analyzing the AWR, ASH and ADDM reports and taking the appropriate actions based on the result to get rid of the performance issues.
- Developing PL/SQL routines (procedure, functions and packages) for automation and whenever required.
- Monitoring databases on regular basis, especially when heavy runs happening.
- Installing, Patching, Upgrading and Migrating of Oracle databases whenever required.
- Creating Sql profiles outlines for the required SQL's.

Prokarma Softech Private Limited, Hyderabad (May 2011 – Apr 2015)

Oracle DBA

- Member of a DBA team managing 700+ non-RAC databases and 100+ RAC databases which include development, test and production databases.
- Gathering requirements for database objects, PL/SQL code and ETL process by collaborating with client application teams, and business analysts.

- Performance tuning of SQL queries and PL/SQL code.
- End-to-end database lifecycle management from designing, implementation, to retirement.
- Database schema design, normalization, data modelling, and providing enhancements as per new features of applications.
- Upgrade (10g to 11g) and migration (HP-UX to Linux) of Oracle databases.
- Reviewing and approving database changes to production, impact analysis, and ownership of change management.
- Mentoring newly joined freshers, and providing training as needed.

TECHNICAL SKILLS

- **PostgreSQL Database:** In-depth knowledge of database architecture, installation, HA, migration, monitoring, performance tuning, pgbadger, Grafana, pgpool-II, pgAdmin, pgBackrest, backup and recovery.
- **Data warehouse & ETL:** STAR schema, snowflake schema designing, ETL process automation using database procedures.
- **Oracle Database (9i, 10g, 11g and 12c):** In-depth knowledge of database architecture, installation, patching, database creation, upgrades and migrations, data pump, exp/imp, backup and recovery, RMAN, ASM, data guard (physical and logical standby), materialized views, LOBs, partitioning, database encryption.
- **Real Application Clusters (RAC) 10g and 11g:** Good knowledge of architecture and concepts, Installation, TAF, and SCAN.
- **Performance Tuning:** Sql Tuning, AWR analysis and sqlhc analysis.
- **PL/SQL:** Developing packages, Collections and built-in packages, and SQL developer IDE.
- **SQL:** Strong knowledge of SQL.
- **Postgresql:** Database Administration & PostgreSQL development.
- **REDSHIFT:** Migrated oracle database to AWS Redshift.
- **Linux Administration (RHEL/OEL):** Installation, disk management, LVM, user administration, package management (RPM/Yum), File servers (NFS, FTP and Samba), DNS, SSH and Iptables.
- **Data modelling tools:** CA Erwin
- **Version control:** Tortoise SVN, GitHub.
- **Virtualization:** VMWare Workstation, and Virtual Box.

ACADEMIC BACKGROUND

- Master of Computer Applications from Osmania University in 2010.
- Graduation (B.Sc.) in Mathematics, Physics and Chemistry from Osmania University in 2007.
- Intermediate in Mathematics, Physics and Chemistry from Board of Intermediate Education in 2004.
- Secondary School Certificate (S.S.C) from Board of Secondary Education in 2002.