Sankar Mandalapu
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PROFESSIONAL SUMMARY

Certified **Oracle Database Administrator (DBA)** with **13+ years of experience** supporting mission-critical **production and development environments** across **Oracle 9i/10g/11g/12c/18c/19c (RAC)**. Deep expertise in **performance tuning, high availability, disaster recovery, cloud migrations, and enterprise-scale database operations**. Proven ability to design, migrate, secure, and optimize databases across **on-premises and multi-cloud platforms (OCI, AWS, Azure, GCP)**. Strong collaborator with developers, infrastructure, and business teams, delivering highly available, scalable, and secure data platforms.

TECHNICAL SKILLS

Databases: Oracle 9i, 10g, 11g, 12c, 18c, 19c (RAC), PostgreSQL, Microsoft SQL Server, AWS Aurora, MySQL
Cloud Platforms: Oracle Cloud Infrastructure (OCI), AWS (RDS, EC2, Aurora), Azure Database, Google Cloud SQL
Operating Systems: Oracle Linux, Red Hat Linux, Solaris, AIX, HP-UX, Windows
Languages: SQL, PL/SQL, Python, Java, C
Tools: RMAN, OEM 10g/12c/13c, AWR, ADDM, TKPROF, LogMiner, DBCA, TOAD, SQL*Loader, Exp/Imp, Data Pump, Tivoli
Automation & DevOps: Terraform, Ansible, CI/CD Pipelines
Replication & HA: Oracle RAC, Data Guard, GoldenGate, PostgreSQL Replication, MySQL Replication, MongoDB Replica Sets/Sharding

PROFESSIONAL EXPERIENCE

Pfizer Inc., New York, USA
Oracle Database Administrator (L3 Support)
June 2025 – Present

- Lead **Oracle database administration** for enterprise production systems supporting regulated healthcare workloads.
- Designed and implemented **cloud migration programs** across **OCI, AWS, and Azure**.
- Migrated on-premises Oracle databases to **OCI DB Systems and Autonomous Databases** using **RMAN, Data Pump, and GoldenGate**.
- Administered **Exadata Cloud Service** and Autonomous Database, including performance tuning, patching, and backups.
- Designed and optimized **logical and physical data models** for enterprise-scale databases and data warehouses.
- Implemented **Data Guard and GoldenGate replication** for disaster recovery in OCI.
- Deployed and managed **OCI Compute instances** for production and DR environments.
- Configured **VCNs, subnets, route tables, NSGs, security lists, and load balancers** for secure networking.
- Implemented **VPN/IPSec tunnels and FastConnect** for hybrid connectivity.
- Managed **OCI Bastion** for secure access to private resources.
- Monitored **OCI cost reports and budgets**, implementing tagging standards for governance and chargeback.

Infosys Ltd. – Client: Pfizer Inc., New York, USA
Oracle Database Administrator (L3 Support)
January 2021 – April 2025

- Designed and configured Integrated capture on 12.2 Goldengate
- Upgraded Goldengate 12.2 to 12.3 with Zero incidents.
- Migrated 200 + database from one DC to another DC.
- Managed a Data Centre consists of 3000 Oracle and other Database's.
- Tuned SQL and PL/SQL code using **EXPLAIN PLAN, AWR, and TKPROF** to reduce query execution time.

ORACLE
Cloud Infrastructure

ORACLE
Real Application Cluster (RAC)

ORACLE
Certified
Associate

- Implemented Oracle database migration from Solaris to Linux platform.
- Implemented multi-standby database configuration along with Fast start failover.
- Achieved transactions by fine tuning application related tables and queries, which has helped program for the go-live state.
- Worked on RFP (Request for Proposal) for various T&M projects.
- Conducted **data migration, transformation, and ETL processes** with PostgreSQL and external tools
- Designed and implemented various migrations programs including AWS and Azure.
- Designed the logical and physical model of the enterprise level databases.
- Designed and optimized **complex SQL queries, joins, and subqueries** for performance improvements
  Deployed and managed OCI Compute instances for production and DR environments.

Infosys Ltd. – Client: National Australia Bank (India & Australia)
Senior Oracle Database Administrator (L3 Support)
December 2012 – December 2020
- Provided L3 support for **large banking production environments** running Oracle 9i–19c.
- Designed and implemented **high-availability architecture** for a fast payments platform.
- Planned and executed **database upgrades** (10g→11g, 11g→12c, 12c→19c) with minimal downtime.
- Successfully upgraded critical payment databases with **only 2 minutes of outage**.
- Migrated **200+ databases** between data centers and platforms (Solaris to Linux).
- Implemented **multi-standby Data Guard configurations** with Fast-Start Failover.
- Configured and upgraded **Oracle GoldenGate** (12.2 to 12.3) with zero incidents.
- Tuned SQL and PL/SQL using **AWR, ADDM, TKPROF, and SQL Plan Management**, significantly reducing query execution times.
- Implemented and monitored DR environments; executed switchover and failover activities.
- Managed enterprise monitoring using **OEM 13c**, including agents, alerts, and capacity planning.

Infosys Ltd. – Client: Apple Inc., India
Junior Oracle Database Administrator
October 2011 – November 2012
- Supported Oracle databases across development, test, and production environments.
- Installed Oracle software and created databases across multiple platforms.
- Performed **RMAN backups, restores, cloning, and point-in-time recovery (PITR)**.
- Built and maintained **standby databases** using Data Guard.
- Managed users, schemas, tablespaces, and storage growth.
- Applied Oracle patches and performed database upgrades.
- Supported schema refreshes and object deployments using Export/Import utilities.
- Software installations and database creations.
- Refreshes of database objects across environments.
- Database backup and recovery using RMAN
- Database cloning using RMAN disk backups and tape backups
- Creating and rebuilding the Standby database.
- Applying oracle patches
- Schema creation
- Retirement of oracle databases
- Database/ Schema refresh using Export/Import utility.
- Create and manage standby databases
- Database upgrades
- Monitoring & managing the table spaces and data files growth

EDUCATION
Bachelor of Engineering (B.E.) – Electronics & Communication Engineering
Anna University, India

CERTIFICATIONS
- Oracle Certified Associate (OCA)
- Oracle Real Application Clusters (RAC) Certification
- Oracle Cloud Infrastructure (OCI) Certification