RANGANATH REDDY DUBBAKA

Objective: Secure a challenging and responsible career opportunity to fully utilize my experience, training, and skills, while making a significant contribution to the success of the company, and looking for an excellent work environment, opportunities for continuous learning plus enhancing skills.

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CORE COMPETENCIES

Database Administration

Expertise Performance Tuning

AWS RDS / Oracle / Azure Cloud

DevOps Engineer Certification

Shell / Python / YAML Scripting

RAC - DR Administration

EXADATA / EXACC / EXALYTICS

APEX Administration / Deployments

EBS / SOA Suite Support

Team Management Skills

PROFILE SUMMARY

- **Total of 16+ years' experience** in analyzing, design of logical and physical database models, Data Warehouse ETL tools, PL/SQL development, testing, administration, maintenance, and migration of Oracle databases in UNIX and Windows platforms.
- Quick learner with an ability to rapidly achieve organizational integration, assimilate job requirements and employ new ideas, concepts, methods, and technologies.
- At ease in high stress and fast-paced environments requiring the ability to effectively handle multiple responsibilities simultaneously.
- Skilled in analyzing and optimizing complex SQL queries, reducing execution time and improving database performance by identifying inefficient execution plans and eliminating bottlenecks.
- Hands-on experience in improving query performance by creating and managing indexes, as well as partitioning large tables to optimize data retrieval and enhance database scalability.
- Proficient in using Oracle's performance monitoring tools such as AWR (Automatic Workload Repository) and ADDM (Automatic Database Diagnostic Monitor) to diagnose performance issues and recommend tuning actions.
- Strong Technical skills in Backup and Recovery of RAC and Data Guard Database Environments.
- ITIL framework process to enhance and improve quality of IT services.
- Strong Skills in Application Express and developed a few APEX applications for internal reports.
- Strong Skills in Shell / Ansible Scripting, used to automate a few manual processes and repeatable jobs like database clones, convert single database instances to RAC and configure DR databases.
- Adopt DevOps tools to automate repeatable processes which provide documentation and help to speed up development, test & production deployments.
- Analyze realistic estimations and prioritize resources as required.
- Excellent Communication, interpersonal, initiative, proactive, technical, analytical skills both verbal and written. Thrive in independent and collaborative work environments.

Technical Skills:

RDBMS	: Oracle 9i/10g/11g/12c/18c/19c, AWS RDS, SQL Server, PostgreSQL, MySQL, MongoDB.
OS Platforms	: UNIX, Solaris, Linux, HP-UX, Windows XP/NT/2003.
Microsoft tools	: Office XP/2003, Outlook, SharePoint, Visual Studio, Visio.
ETL Tools	: Informatica, Talend, Power BI, DAC.
Reporting Tools	: Discoverer, OBIEE, Hyperion.
Utilities	: RMAN, OEM, TOAD, exp/Imp, Data Pump, Data Guard, SQL Analyzer, Query Builder, APEX.
Programming	: C, C++, Core Java, Shell, Python, VB, JavaScript, PHP HTML, ASP, XML, PL/SQL.
Web Servers	: Weblogic, Oracle Application Server, Apache Tomcat, Glass Fish, Nginx.
DevOps Tools	: Git, Jenkins, Ansible, Terraform, Dockers, Kubernetes, Prometheus, Grafana, Selenium

Education:

Master of Information Technology, 2005
Specialization: **Database Management**.
Project: "Object Oriented Database Analysis and Design for Flight Booking".
La Trobe University, Melbourne, Australia.

Bachelor of Computer Applications, 2002
Specialization: **UNIX Administration**.
Project: "Application on Rail Reservation System at CMC Ltd."
Osmania University, Hyderabad, India.

Certifications:

Oracle 10g Certified Associate, Hyderabad.
Oracle RAC 12c - Oracle University, Melbourne.
Oracle Enterprise Manager 12c - Oracle University, Melbourne.
DevOps Engineer Master Program, Hyderabad.

Work Experience:

Since Jan 2023 with HCL Tech as Senior Consultant. – Hyderabad, India

Responsibilities:

- Migrating databases from EXACC Gen1 to Gen2, end-to-end validation.
- Expertise in using OEM (Oracle Enterprise Manager) tool to identifying performance issues like long running SQL's, Blocking Sessions, Identifying best Execution Plans, Check Statistics and so on.
- Worked with Oracle Data Guard and RAC (Real Application Clusters) to ensure database performance in high-availability and disaster recovery configurations, optimizing performance for critical business operations.
- Hands on Proficiency in Cross Platform Database Migrations (on-prem & oracle Cloud (EXACC) and AWS EC2 instance to RDS Database Migrations.
- Planning, designing, developing, deploying, and supporting Database Cluster solutions.
- Skilled in identifying database requirements by analyzing department applications, programming & operations, evaluating existing systems and recommending solutions by defining database physical structure & functional capabilities, database security, data back-up & recovery specifications.
- Working with multiple verticals of the organization inclusive of Program Management, Project Management and Service Delivery pertaining to database Consulting services and solutions, Database Migrations and so on.
- Excellence in managing end-to-end delivery / program / project planning & implementation from scope management to activity sequencing, risk analysis to quality management in line with the guidelines & norms.
- Proficient in resolving technical challenges and providing appropriate solutions to fulfill customer's business critical issues.
- Conducting workshop sessions for data & technical changes, and database upgrades for clients.
- Out-of-the-box thinker with proven track record of establishing processes & SOPs, streamlining workflow, and creating environment to enhance.
- Application team support for deployments and troubleshoot performance issues.
- ADG Configuration along with Data Guard broker .
- Patching Grid Infra / RDBMS / AWS RDS products quarterly liaising with application owners.
- Maintain SLA for incidents, requests, changes, maintain various tasks for security vulnerabilities.
- Informatica code migrations from development to production.
- Technical Skills Development session for juniors to improve their skill in handling BAU tasks.

Environment: Oracle 19c on AWS RDS and EXACC on Linux, RMAN, Data Guard, UNIX Shell Scripting, Quest Performance Analysis, Quest Space Management tool, DB Artisan, Toad, PL/SQL Developer, OEM.

Since May 2018 with Ambulance Victoria as Systems Database Administrator. – Australia

Responsibilities:

- Oracle software installation, new database creations according to Optimal Flexible Architecture compliant or customized as per the requirement.
- Provide day to day DBA BAU services and support for the development, testing and production database including data fixes and applying customized releases from the development team.
- Installed & managed OEM grid monitoring solution and deployed agents.
- Perform Backup and Recovery, import & export for databases as required.
- Worked on projects like oracle database hardware refresh, High Available (HA) & Disaster Recovery (DR), Database Migration from Solaris to Linux, Cloud Confluence migration.
- Refresh developments, reporting, testing databases from production when requested, using RMAN Duplicate and automating some of the refresh procedures with UNIX shell scripts.
- Provide specialized technical support for existing system enhancements and new application projects.
- Manage Oracle Standby database for high availability, data protection and reporting services.
- Automated DBA BAU manual tasks using Ansible-Playbooks and store them in Git to reuse as needed.
- Develop PL/SQL stored procedures, functions, triggers, and packages when required.
- Perform various testing on databases and applications upgrades every quarterly.
- Tune databases and ensure that Service Level Agreements (SLAs) are constantly met.
- Created custom services for RAC database for distribution of load across the nodes.
- Ensure Production, Test and Development databases are available for users without any downtime.
- Plan hardware and software resources and setup RAC and Active Data Guard configuration.
- Liaise with Oracle support in fixing problems and bugs, put service requests to Oracle Support.
- Liaising with colleagues, developers, managers, B/As, and help desk support services for various business requirements and processes.
- Worked with ETL group for understating mappings for dimensions and facts.
- Proactively managed the databases; set up notifications, alarms using shell scripts for managing any exceptions in day-to-day management of the databases.
- Troubleshooting various database and application problems.
- ITIL framework process used to enhance and improve quality of IT services.
- Architect Structure of Oracle DBA Documentation in cloud confluence.
- Perform change requests on Test, UAT & Productions environments for all the applications we support.
- Recently trained in MS SQL Server databases for administration and patching in regular cycles.

Environment: Oracle 19c/12c/11g/10g/9i and MS SQL Server Databases, EXACC 19c RMAN, Informatica, DAC Power BI, OBIEE, SOA, EBS, RHEL4/5/6/7/8, Windows 2003/2008 server, TOAD, OEM Cloud Control 13, Fusion Middleware, Exalytics and Data warehouse, Confluence, JIRA, SharePoint tools.

Since June 2017 with Ambulance Victoria as Systems Database Administrator Team Lead. – Australia

Responsibilities:

- Schedule weekly and ad-hoc team meetings as required and attend change management meetings.
- Maintain and assign tickets accordingly to acknowledge and resolve issues in a timely manner.
- Prepare run sheets for all changes to make sure who is doing what without any confusion between teams.
- Performing Capacity planning for various databases.
- Including data fixes and applying customized releases from the development team.
- Installed & managed OEM cloud monitoring solution and deployed agents.
- Perform Backup and Recovery, Clones and import & export for databases as required.
- Worked on projects like oracle database hardware refresh, High Available (HA) & Disaster Recovery (DR), Database Migration from Solaris to Linux, On-Prem to Cloud migrations.

- Refresh developments, reporting, testing databases from production when requested, using RMAN Duplicate and automating some of the refresh procedures with UNIX shell scripts.
- Provide specialized technical support for existing system enhancements and new application projects.
- Working Experience with latest TOAD having new features PL/SQL & SQL Script Debugger, Database Health Check-up, ASM Manager, Diagnose Extents, Segment Advisor, SGA Trace, Query Builder.
- Tuning SQL statements using Explain Plan and STATSPACK.
- Modified SQL*Loader control scripts to eliminate white spaces generally used for data loading.
- Installed & managed OEM grid monitoring solution and deployed agents.
- Performed Logical backup using and full/partial export/import and Data Pump.
- Created bit-map Indexes for data warehouse databases.
- Involved in the error checking and testing of the ETL procedures and programs Informatica session log.
- Worked with ETL group for understating mappings for dimensions and facts.
- Configured Physical and Logical Standby database for reporting environment.
- Clear documentation was prepared on all the processes like program specification, bugs fixing log & change requests for future reference.

Environment: Oracle 12c/11g/10g/9i Databases, RMAN, Sun Solaris, RHEL4/5/6/7, Talend, Informatica, DAC, Windows 2003 server, TOAD, OEM Cloud Control 12c, 10g Oracle Application Server (Portal & Discoverer Reports)

Since September 2011 with Ambulance Victoria as Systems Database Administrator Team. – Australia

Responsibilities:

- Install Oracle Software and create Oracle database according to Optimal Flexible Architecture compliant.
- Provide day to day DBA services and support for the development, testing and production database including data fixes and applying customized releases from the development team.
- Proving daily support and on call service to the development and production database at various client sites.
- Developing and implementing backup strategies, maintaining standby databases, and performing disaster recovery for databases.
- Create a versioning methodology to manage upgrades, modifications, and fixes.
- Plan upgrades for new releases and apply security and bug fix patches on a regular basis.
- Preparing documentation for database installations, OLTP/Data Warehouse, and technical changes.
- Developing PL/SQL codes and scripts for various applications and users.
- Perform Backup and Recovery, import & export for databases as required.
- Refresh or clone various developments, reporting, testing databases from production when requested, using RMAN Duplicate and automating some of the refresh procedures with UNIX shell scripts.
- Manage Oracle Standby database for high availability, data protection and reporting services.
- Performing Capacity planning for various databases.
- Conducting workshop sessions for data & technical changes, and database upgrades for clients.
- Liaise with Oracle support in fixing problems and bugs, put service requests to Oracle Support.

Environment: Oracle 12c/11g/10g/9i Databases, RMAN, Sun Solaris, RHEL4/5/6/7, Informatica, DAC, Windows 2003 server, TOAD, OEM Cloud Control 12c, Tomcat, 10g Oracle Application Server.

Since July 2008 with MAS as Database Administrator. – Australia

Responsibilities:

- Install Oracle Software and create Oracle database according to Optimal Flexible Architecture compliant.
- Provide day to day DBA services and support for the development, testing and production database including data fixes and applying customized releases from the development team.
- Perform Backup and Recovery, import & export for databases as required.
- Refresh or clone various developments, reporting, testing databases from production when requested, using RMAN Duplicate and automating some of the refresh procedures with UNIX shell scripts.
- Manage Oracle Standby database for high availability, data protection and reporting services.
- Performing Capacity planning for various databases.

- Estimation, risk, scope, time, resource, quality and change management.
- Develop PL/SQL stored procedures, functions, triggers, and packages.
- Conducting workshop sessions for data & technical changes, and database upgrades for clients.
- Liaise with Oracle support in fixing problems and bugs, put service requests on Oracle Metalink.
- Provided post-implementation, application maintenance and enhancement support to the client about the product / software application.
- Responsible for configuring and backing up databases using RMAN, Cold backups, and Logical backups.
- Ensure Production, Test, and Development databases are available for users to access without any downtime.
- Tune databases and ensure that Service Level Agreements (SLAs) are constantly met.
- Troubleshooting various database and application problems.
- Liaising with developers, managers, B/As and help desk support services for various business requirements and processes.

Environment: Oracle 11g/10g/9i Databases, RMAN, Sun Solaris, RHEL4/5/6/7, Windows 2003 server, TOAD, OEM Grid Control, 10g Oracle Application Server (Portal & Discoverer Reports), Data warehouse tools.