**Mohammad**

**Sr. Oracle | Mongo DBA**

**San Francisco Bay Area, California, USA**

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**Professional Summary**

* Highly skilled **Oracle Database Administrator** with over **11 years** of experience in designing, implementing, and maintaining **large-scale Oracle databases > 150 TB**.
* Proficient with 10g, 11g, 12c and 19c version databases on various architectures
* Worked with large **Oracle RAC** and **Exadata databases exceeding 100TB sizes.**
* Experience with monitoring and maintaining DWH environments on RHEL, OEL, Solaris, and Exadata
* Proficient with Installations, Upgradation, Patching, Cloning, Backup/Recovery, High Availability including **Oracle Real Application Cluster (RAC)** and Data Guard.
* Proficient in analysing performance issues using OEM, AWR, ASH Reports, and providing necessary solutions.
* Installed & Configured **Oracle Golden Gate 11.2, 12c and 19c** in a Standalone and **RAC Environment.**
* Configured Oracle-to-Oracle unidirectional and Bidirectional replications.
* Configured the column level replication setup.
* Monitored Oracle database performance including **ETL and Reporting activities**.
* Proficient in troubleshooting and resolving complex database issues, as well as implementing backup and recovery strategies.
* Skilled in performance tuning, optimization, capacity planning, and database security
* Adept at collaborating with cross-functional teams and managing projects from inception to completion.
* Experience with cloud monitoring, alert metrics, and **disaster recovery.**
* Experience with user access management on **Cloud/SQL server.**
* Expertise in implementing **MS SQL Server security** and database permissions.
* Configuring and maintaining and troubleshooting the **Database mirroring** and experience in Mirroring.
* Configuring and maintaining and troubleshooting the **Database Log Shipping** and experience in **Mirroring DR activities.**
* Performing Database Refresh from Production to Stage environment.
* Experience with upgrades from **SQL 2008 to 2012 and from 2012 to 2016, 2017,2019.**
* Flexibility working in **24\*7 environment.**
* Performed patching, installation, and database upgrades across various versions.
* Handled backups and restoration using **RMAN, Data Pump, EXP/IMP**
* Trained and mentored junior **DBAs** on database administration best practices
* Experienced in SQL query tuning and database performance improvement.
* Experienced in project work including **ZDLRA, LOB** Compression, and **XT Storage**
* Managed user access and storage to ensure database security and integrity.
* Excellent communication, problem-solving, and analytical skills
* Experience in working with cross-functional teams and managing multiple projects simultaneously.
* Managed and maintained Oracle Grid Control 13c to monitor and administer multiple databases in a large-scale enterprise environment.

**Employers**

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| **Employer** | **Designation** | **Joined** |
| SYNOVASOFT INC, New Jersey, USA | Senior Database Administrator | Nov-23 |
| INFOSYS Limited, Melbourne, Australia | Senior Consultant | Feb-17 |
| NETCRACKER Technologies, Hyderabad, INDIA | Sr Software Engineer | Sep-15 |
| GMR International Airport Limited, Hyderabad, INDIA | Junior Manager – IT | Jun-15 |
| TECH MAHINDRA Limited, Hyderabad, INDIA | Database Administrator | Feb-12 |

**Skills:**

* Oracle Database Administration (11g, 12c, 19c)
* Oracle RAC, Data Guard, Golden Gate
* Oracle Enterprise Manager (OEM)
* Oracle Backup and Recovery (RMAN)
* SQL and PL/SQL programming
* Linux/Unix system administration
* Unix Shell scripting
* Experience on NoSQL databases like Cassandra and MongoDB

**Professional Experience:**

**Company : Infosys**

**Client : National Australia Bank**

**From : From Feb 2017 – Oct 2023**

**Role : Sr. Oracle DBA**

**Responsibilities**

* Supporting critical databases hosted on Exadata in the bank's **Global Data Warehouse (GDW) as an Oracle DBA.**
* Acting as a single point of contact for **Prod and Non-Prod databases** for users across different banking applications.
* Install and configured **OEM 12c agents** different operating systems and configured physical standby **database (DATAGUARD)** and tested for failover and switchover.
* Good experience in **Performance Tuning**, Installation and Configuration of **Oracle 11g/12c /19c Real Application Clusters (RAC)** databases on **Linux/Unix** operating system.
* Responsible for managing and supporting all Production, Development and Staging instances of **Oracle Version 11g,12c and 19c.**
* Possesses advanced proficiency in **Active Data Guard, RMAN, RAC, and GDS.**
* Worked on migrating Oracle databases to **AWS RDS** using utility AWS **Database Migration Service (DMS).**
* Familiarity with using MongoDB Atlas in practical scenarios and design & manage PostgreSQL database schemas.
* Working as a liaison between application teams and infrastructure teams.
* Testing and implementing new Oracle features for the **data warehouse.**
* Participating in periodic meetings to plan infrastructure growth and expansion.
* Analysing database reports and **SQL performance** for improvement.
* Monitoring database metrics and suggesting performance improvements using tools like **OEM.**
* Familiarity with using **MongoDB Atlas** in practical scenarios.
* Design & manage PostgreSQL database schemas.
* Configured **Oracle Golden Gate 11.2, 12c and 19c** in a Standalone in **RAC Environment.**
* Troubleshooting ETL and reporting issues and ensuring **SLAs** are met for the business.

**Highlights in Role**

* Led **11g to 19c** upgrade and resolved post-migration issues.
* Tested and implemented XT storage expansion, migrated data, and optimized storage.
* Managed both Prod and Non-Prod Environments and led problem record tracking for **DWH team.**
* Implemented LOB compression to save **TBs of space.**
* Suggested improvements and optimized resource manager, **DBRM.**
* Played key role in resolving various database and **SQL performance** issues.
* Provided DBA support for Production and Development databases, including SQL performance issue diagnosis and resolution, installation, upgrades, replication, and patching.

**DBA Activities**

* Monitor databases using tools like **Oracle Enterprise Manager and TOAD**. Generate database reports (e.g., **AWR, ADDM, ASH etc**.) and provide findings to application teams.
* Pro-active monitoring of Exadata Machine and provide suggestions for better performance. Configure troubleshoot and maintain **Oracle Real Applications Cluster** and other High Availability Solutions.
* Develop, configure, and schedule database backups via RMAN and other backup strategies.
* Engage with different application teams and propose plans to use latest technologies like **LOB** compression, TDE encryption etc. in **Oracle Databases.**
* Assist developers with database activities and debug code related issues. Manage and maintain database, operating system, and security policies to ensure optimal database and system integrity. Diagnose and provide solutions for all database related issues. Provide **performance tuning solutions** and resolve issues.
* Attend periodic meetings with Clients regarding database activities, planning and issues. Execute database refresh and cloning as per the requirements of the development and QA teams. Perform **SQL tuning** and recommend improvement in the application queries before moving to production.
* Monitor and resolve underlying operating system related issues. Create and administer all database objects, including tables, clusters, indexes, views, sequences, packages, and procedures.
* Assist with impact analysis of any changes made to the database objects. Troubleshoot all issues regarding the **databases, network, applications, and development tools**.

**Client : Net Cracker Technologies**

**From : Sep 2015 – Jan 2017**

**Role : Sr. Oracle DBA**

**Responsibilities**

* Manage and maintain database, operating system, and security policies to ensure optimal database and system integrity.
* Provide **Database Administration (DBA)** support for Production and Development databases.
* Perform database installation, database upgrades, data replication and periodic database patching.
* Automate the tasks of job scheduler using shell scripts and manage report generation utilities available on the database server.
* **Handle L1, L2 tickets** (e.g., User creation, modification, DB/Schema export-import, grant access etc.).
* Ensure availability of enough free space in table spaces above the threshold limit. Regular monitoring and cleaning of old trace files
* Configure troubleshoot and maintain **Oracle Real Applications Cluster** and other High Availability Solutions.
* Create database instances for development and testing of new versions of native applications.
* Manage database recovery, upgrades and roll out of patches as per specifications.
* Ensure that database backups are taken as per specifications on daily basis and available for recovery scenarios using RMAN and other backup methods.
* Execute database refresh and cloning as per the requirements of the development and QA teams. Perform **SQL tuning** and recommend improvement in the application queries before moving to production.
* Proactive monitoring of databases for optimal performance and provide suggestions for performance tuning.
* Assist in generation of reports using tools such as **Enterprise Manager, BMC Patrol.**
* Generate database reports (e.g., **AWR, ADDM, ASH** etc.)
* Create documents for changes in the **database designs** of the application.
* Maintain database error log history for future use. **Generate logs of all the CRs** done on database.
* Monitor and resolve underlying operating system related issues.
* Create and administer all database objects, including **tables, clusters, indexes, views**, sequences, packages, and procedures.
* Assist with impact analysis of any changes made to the database objects.
* Assist developers with database activities and debug code related issues.
* Troubleshoot all problems regarding the databases, network, applications, and development tools.

**Client : GMR Airport Ltd**

**From : Jun 2015 – Sept 2015**

**Role : Sr. Oracle DBA**

**Responsibilities**

* Provide **Database Administration (DBA)** support for Production databases.
* Perform database installation, database upgrades, data replication and periodic database patching.
* Configure troubleshoot and maintain **Oracle Real Applications Cluster** and other High Availability Solutions.
* Develop, configure, and schedule database backups via **RMAN** and other backup strategies.
* Diagnose and resolve performance related issues for both databases and operating systems.
* Create and administer all database objects, including tables, clusters, indexes, views, sequences, packages, and procedures.

**Company : Tech Mahindra**

**Client : Synchrony Financial**

**From : February 2012 – June 2015**

**Role : Sr. Oracle DBA**

**Responsibilities**

* Manage and maintain database, operating system, and security policies to ensure optimal database and system integrity.
* Provide **Database Administration (DBA)** support for Production and Development databases.
* Perform database installation, database upgrades, data replication and periodic database patching.
* Automate the tasks of job scheduler using shell scripts and manage report generation utilities available on the database server.
* Handle **L1, L2** tickets (e.g. **User creation, modification, DB/Schema** export-import, grant access etc.).
* Configure troubleshoot and maintain Oracle Real Applications Cluster and other High Availability Solutions.
* Create database instances for development and testing of new versions of software.
* Manage database recovery, upgrades and roll out of patches as per specifications.
* Ensure that database backups are taken as per specifications on daily basis and available for recovery scenarios using **RMAN** and other backup methods.
* Execute database refresh and cloning as per the requirements of the development and QA teams.
* Perform SQL tuning and recommend improvement in the application queries before moving to production.
* Proactive monitoring of databases for optimal performance and provide suggestions for performance tuning.
* Assist in generation of reports using tools such as Enterprise Manager and generate **database reports (e.g., AWR, ADDM, ASH etc.)**
* Create documents for changes in the database designs of the application. Maintain database error log history for future use.
* Ensure availability of enough free space in table spaces above the threshold limit. Regular monitoring and cleaning of old trace files
* Monitor and resolve underlying operating system related issues.
* Create and administer all database objects, including tables, clusters, indexes, views, sequences, packages, and procedures.
* Assist developers with database activities and debug code related issues.
* Troubleshoot all problems regarding the **databases, network, applications.**