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| Shefali Shah  *Senior Oracle Database Administrator Lead* |  |

  
PROFILE SUMMARY

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| An accomplished IT professional with a strong portfolio of success and over 15 years of experience in Oracle Database Engineering and Administration. Have strong skills and experience in all the aspects of **Oracle DBA 19c, 18c, 12c, 11g**, **10g** and **9i** including advance topics such as **Oracle ASM**, **Oracle RAC**, **Oracle Partitioning**, **Oracle Data guard**. Good Hands-on in in **SQL** & **PL/SQL** programming with good **Linux** / **Unix Shell Scripting**.  **KEY STRENGTHS:** |

* 24\*7 Oracle DBA support and maintenance including advance configurations such as **Oracle ASM**, **Oracle RAC**, **Oracle Data guard** etc.
* Strong in performing Oracle database upgrades and recently performed a successful upgrade from **Oracle 9i to 10g, Oracle 10g to 11g, oracle 11g to 12 c and 11g to 18c ,19c**
* Can be quite handy in **SQL** query writing and **PLSQL** development.
* Expert in installation and setup of **Oracle RAC Grid Infrastructure**. Implemented **2 Node RACs**, **3 Node RACs** and **4 Node RACs**.
* Expert in setting up and maintaining the connectivity between **Oracle** and **Heterogeneous databases**
* Expert in Oracle database upgrades and Patching.
* Expert in designing and implementation of **partitioning** (**Range**, **List**, **Hash**, and **Composite**) for the database objects (Tables and Indexes).
* Ability to work and resolve database performance issues including both macro/micro level performance issues by working with application development teams and database developers.
* Good experience in analyzing **Oracle AWR** (**Automatic Workload Repository**) and OEM and TOAD like components.
* Involved in on call **Production support 24x7** rotation in Oracle DBA teams.
* Conceptually having Knowledge on **Golden Gate**, **Exadata**
* Lead the migration of **- MSSQL to MySQL, MySQL to AWS RDS/Aurora**
* **Replication** of **MySQL and MariaDB** setup and resolution of issues.
* Experience in PostgresSQL EDB database administration.
* Experience in installation of Weblogic server 11g and oracle application server 10g R2 and R3.
* Experience in hybrid cloud DR (oracle cloud /AWS: on-prem -cloud)
* 4 NODE HA setup for MSSQL clustering with Anti Affinity rules
* **High availability** setups for various technologies.

EDUCATION

**Rollwala Institute of Computer Studies, Ahmedabad**

Post-Graduation Diploma in Computer Science and Applications, 1998 - 2001

**St. Xavier’s Collage, Gujarat University, Ahmedabad**

BSc, Chemistry, 1996 – 1998

CERTIFICATIONS / WORKSHOP

* Certification of **Oracle 9i, 10g,11g**
* Certification on **Oracle RAC Administrator 10g**.
* Certification of **DB2 9.2**.
* Given Seminars on Database Management System.
* Attended Industry-Educational meet at colleges as Guest of honor.
* Conducted and Managed technical recruitment drive for TCS employment drive 2014.
* Certification on internal exam of MongoDB
* **Sr.Oracle Instructor at Oracle University(Xduce India Pvt.Ltd) and ITS.**

TECHNOLOGY PROFILE

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| Databases: | Oracle 9i / 10g / 11g / 12c / 18c / 19c, DB2, PostgreSQL, MySQL |
| Tools: | TOAD, SQL Developer, RMAN, SQL Loader, OEM, Percona, PGAdmin, |
| ERP & High Availability: | SAP 4.6/4.7/6.0 Basis Administration, RAC, DATA Guard, OS clustering, SQL cluster, MYSQL clustering |
| Operating System: | Windows, Linux, Sun Solaris, Unix, AIX |
| Languages & Technologies: | SQL 9i, SQL 10g, ASP.NET, PL/SQL, C, C++ |

PROFESSIONAL EXPERIENCE

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| **Senior Oracle Database Administrator Lead**  **Client - T- Mobile, Reston VA** | **Mar-2022 – Till date** |

***Roles & Responsibility:***

* Lead multiple infrastructure planning and implementation including instance strategy, technical platform selection, architecture design, backup and recovery strategy.
* Ensure server security is up to date. Perform routine back-ups, design & implementation of system tests to troubleshoot the issue with accessing data
* Installed and Configured 12c databases stand alone and RAC
* Troubleshooting and issue resolution in migration of the databases.
* Issue resolution for table partitioning automatic scripting
* Backup configuration and implementation
* Database link from oracle to non-oracle environments
* Designing and architect help to environment of clients
* VM external backup solutions worked out with VM team
* Go live management for Production databases.
* MYSQL and oracle heterogeneous service setup among databases
* MYSQL installation configuration and management for enterprise edition
* Performance tuning and user /client / partner portal SLA coordination
* Backup strategy planned and implemented
* Automation for various tasks
* Oracle DATAGUARD setup and maintaining the same
* Planned and tested for oracle upgrade 19 C

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| **Senior Oracle Database Administrator**  Client - Sophos Technologies, Abingdon, UK | Aug-2016 – Mar-2021 |

Product based company Product: cyber security / Firewall / internet security etc

***Roles & Responsibility:***

* Installation & Configuration of Oracle 12c databases on Linux.
* Upgraded Oracle databases from 11g, 12c 18c on various platforms like Linux 7,8
* Upgraded RAC from 11g to 18 c
* Migrating on-premises database to cloud (AWS). Cloud AWS -RDS management and Security enhancements for databases
* Hybrid setup (on-prem and Cloud) oracle cloud as well as AWS.
* Upgradation for MySQL, Oracle, MSSQL, MariaDB
* RAC configuration setup, licensing, product enhancement with database
* Handling server and database related issues from outside and inside customers
* Following up with ticketing system to decide priority bases work among team members
* RAC performance and management issues resolution
* Help in the data center migration from various locations to another location
* Standardizing queries, configurations of oracle, MySQL and MSSQL databases
* Collaborate team for decision making of product change with best possible options.
* Online extension of raw partition disk and extended ASM disk group
* RMAN backup and restoration with Veritas net backup solution.
* Replication issues handling for MySQL –MySQL, MySQL –MariaDB, MariaDB – MariaDB
* RAC node addition and node deletion
* DR setup and monitoring for more than 7TB database
* SLA target setting and meeting requirements for in-house and external clients
* Leading projects for Migration of databases from MSSQL to MySQL.
* Replication for MySQL and MariaDB across geographical regions.
* SQL server clustering failover and log shipping.

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| **Oracle Database Architect - DBA**  Aon insurance, Alpharetta, GA | Mar-2015 – Aug-2016 |

***Roles & Responsibility:***

* Installed and Configured 12c databases on Linux and Upgraded Oracle databases from 11g, 12con various platforms like windows, Linux 7
* MYSQL configuration issues resolved for production system
* Support to many databases MSSQL, MySQL, MongoDB etc.
* Installation and configuration of 12c WebLogic server and 11g OID.
* Database designing and implementation with various products and migration.
* Comparison study of databases with suitable industry.
* Performance issues resolution for long running queries
* Create Linked Servers to SQL Servers and other databases such as Oracle
* Production tuning for memory parameters and query tuning for SQL server 2012
* Troubleshoot various problems that arise in a day-to-day work and fix the issues.
* Design database Backup and Restoration Strategy.
* Evaluate MSSQL/MySQL/Oracle features and MSSQL/MySQL/Oracle related products.
* Interface with MSSQL/MySQL/Oracle for technical support.
* DR setup for Client requirement on 11g, 12 cR2 and support and maintaining the same
* Scripting for major monitoring and maintenance activities, automated tasks

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**Oracle Database Administrator** Aug-2010 – Apr-2014

Tata Consultancy Services, India / charlotte NC

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| ***Key Clients:*** | Comcast, General Electric, Value Added Taxation system for various Geographic locations |

***Roles & Responsibilities:***

* Installed and Configured 11gR2 databases on Linux and Upgraded Oracle databases from **10g to 11g, 12 con various platforms like HP UNIX 11.31, Aix 6.1.**
* Implemented **Maximum Availability Architecture (MAA)** by setting up RAC standby data guard for RAC primary database.
* Maintenance of around 20 databases combined on all the production, development and testing environments with RAC and Standalone.
* Provided **24/7 on-call support** for Oracle production/development databases to ensure maximum availability.
* **Upgraded and migrated** the database to different version depending on Business requirements. (For Example, 10g R2 to 11gR2 on different OS).
* Cloned several production instances to non-prod using **RMAN and Data pump** utilities.
* Monitoring Day-Day Backups, Log’s & recovering them as per the requirement. Utilized **LOG MINER** Technology & applied Application Database Transactions on other Databases.
* Proactive monitoring of databases for performance bottle necks and tuning accordingly using **AWR, ADDM, Tkprof reports, OS watcher** etc.
* Interacting with Functional Consultants to tune the SQL queries in Custom Applications to **improve the performance and planning infrastructure and database parameters.**
* Installed and configured 4 Node RAC on HP UNIX with ASM disk group suggested with HP team to gain maximum performance and Oracle Application servers.
* Handling **day-to-day DBA activities** using Oracle utilities and tools, monitoring space and memory requirements and Memory tuning. Checking Alert Logs, Archive Logs, Trace files and to work proactively on alerts.
* Performed production database maintenance and modifications to ensure databases are operational, as well as diagnosed and corrected any database environment problems; monitored database usage and reported on database performance and system availability.
* Worked along with application team to configure and install **BI tools for a reporting project**.
* Worked on designing and implementing **backup and recovery** strategies for many production databases using RMAN incremental backup methods.
* Excellent experience in creating Service requests with oracle support to resolve critical issues and implemented various security patches and quarterly PSU’s.
* Installation and configuration of **Oracle Application Server**.
* PRE –BID and bid submission and technical write up for the different bids with product strategy and designing
* Team management as a team lead and support 24/7
* Performed POC to the client for new enhancement or business opportunities.
* Understanding of Tax and revenue system requirement to cover maximum technical availability

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| **Oracle DBA**  EliteCore Technologies | Dec-2007 – Jul-2010 |
| **Client Name:** | MTNL, MPLS, BSNL SSTP, Veraz, IM2, Airtel, VTEL Automation Team CYBEROM,BSNL TVARIT |

***Roles & Responsibility:***

* Administration and monitoring of Oracle Real Application Cluster with ASM disks.
* Proactively managed the databases; set up alarms for managing any exceptions in day-to-day management of the databases; pre-empted and prevented issues disasters from happening.
* Implement plan to apply quarterly Oracle critical software patches.
* Monitoring and health checking for the production environment.
* Up gradation of the Production and test database version by installing the latest patch set.
* Monitor data growth and re-organize the table structures in separate tablespaces and developed appropriate support structure – indexes, partitions
* Consultancy in the areas database management, performance tuning, storage designing, database designing
* Performance tuning by giving valuable suggestions related to configuration, network, storage, Sql tuning according to SLAs.
* Involved in Report related module and implemented with Replication method in MIS reports.
* Managing Database Structure, Storage Allocation, Table/Index segments, Constraints, Database Access, Roles and Privileges and audit
* Planned, scheduled logical backup using data pump or export/import or RMAN with crontab
* Created and implemented quarterly capacity plan and reboot/maintenance calendar and published
* Helped resolving problem of server maintenance, load balancer, networking in different locations
* Resolved numerous performance issues like top wait events, sub-optimal execution plans, outdated statistics, data fragmentation, latch contention, CPU constraints, physical & logical I/O, disk usage, query optimization, hard/soft parsing by application tuning, disk I/O and memory tuning.
* Diagnosed Oracle bugs and coordinated with oracle support with severity to resolve them in timely manner and applied patch sets to make application environment up to date.
* Performed database block recovery successfully with RMAN

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| **Oracle DBA**  Data Soft | Sep-2006 – Dec-2007 |

***Roles & Responsibility:***

* Experience in Installation. Monitoring alert logs, trace files, disk space, etc periodically through scripts and automating reports through mails
* Managing table space by resizing or adding data files.
* Rebuilding the indexes when necessary. Creating of user, roles and profiles.
* Creation and re-organization of database, table spaces, rollback segments.
* Reviewing for database fragmentation and decrementing the same to ensure database performance by means of a Database re-org.
* Exporting of data from operational database to dump files & importing back during crisis.
* Creation & Maintenance of Database Objects as and when the application has been designed.
* Backup and recovery strategy implemented with user management
* Prepared documentation requirements for users to learn how to manage the phases of the database

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| **Finance Department operator**  Sky City Auckland ltd. | Aug-2005 – Feb-2006 |

* Managing cash flow and providing customer service working on Local-ERP as end-user.
* It is also involved in money transfer from different countries.

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| **Software Programmer**  Mark’s Solution Pvt. Ltd. | Jan-2003 – Jul-2004 |

* Programmer/Analyst responsible for requirements analysis, database design, application design, coding and implementation of modules for the company as per clients’ demand.
* Client Application: Customer Support System (Hexa Computer System), Rantan Group of Hotels
* Technologies: VB 6.0, SQLServer 2000
* Team Size: 8 Members

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| **Consulting Faculty**  Advantage Institute | Feb-2001 – Jan-2003 |

* Worked as Tutor as well as provided valuable assistance in software projects
* Conducting corporate and individual batches for programming language.
* Helping in creating software, designing database and different projects

PROFESSIONAL TRAINING

Instructor: **ESSAR STEEL INDUSTRIES**

**Description of Training:**

* Oracle Architecture
* Oracle heterogeneous Service
* Disaster Recovery

Instructor: **GNFC**

Successfully completed training for oracle 12c RAC DBA on Linux

**Description of Training:**

* Topics for RAC Exadata

Instructor: **FOR INDIAN AIRFORCE -** Dhirubhai Ambani Institute for information and computer technology (**DAIICT**) at Gandhinagar. Successfully completed training for oracle 10g DBA on Linux

**Description of Training:**

* Oracle 10g DBA with Dataguard and Replication