**Hemanti Thackeray**

**Summary:**

 Over seven years of IT work experience, which includes **database administration** under **Windows**, AIX **and Solaris** **platforms**

 Experienced in **database architecture, design, development** and deployment.

 **Oracle RAC** Database Administration including Installation, configuration, Upgrade, Performance Tuning, Analysis, Design, Backup and Recovery (RMAN).

 Experienced in **installation, upgradation and migration of Oracle 11g, 10g.**

 Extensive Experience in **High Availability** Solutions using **Oracle Dataguard, HACMP, SRDF & BCV**

 Experienced in complete range of **Oracle DBA activities** including day-to-day production database monitoring, backup and recovery using **RMAN**, troubleshooting production issues, **performance tuning**, physical database design, table space administration, **cloning** and managing data dictionary objects.

 Operational activities like monitoring **Peoplesoft Batch trails** running **BCV backups** and using **Shareplex & Streams replications**.

 Creation and modification of database objects such as tables, indexes, views, sequences, functions, procedures, triggers, stored procedures, packages.

 Setting up the complete **database security implementation** and troubleshooting Oracle Technologies as an **Oracle DBA** on **OLTP and OLAP environments**.

 Extensive Experience in creating and managing **standby databases** using **Data Guard** and performing **Disaster Recovery Tests using DGMGRL and Oracle Flashback** of more than 150 production instances.

 Hands-on experience in taking **hot/cold backup and recoveries.**

 Export and import of database objects, schema and database itself using export/import utilities and **DataPump** import/export utilities.

 Responsible for upgrades of Oracle Databases on IBM AIX 5.3, 6.1, Windows 20003 and Solaris OS.

 Handling the database administration activities for 14TB+ data.

 Efficiently handled space management, size and **capacity planning** in different versions of Oracle databases.

 Specialized in **Oracle performance tuning** using OEM, **TOAD**, AWR and ADDM.

 Experienced in audit trails, Oracle alert and patch management.

 Replication of databases using **RMAN.**

 Experience with Materialized Views, Partitioning and **Grid Control.**

 Experienced in developing **UNIX/Perl Shell Scripts, UNIX system administration.**

 Good communication, interpersonal and problem solving skills.

**Technical Skills:**

**Databases:** Oracle 11g/10g/9i

**Tools:** TOAD, RMAN, Data Guard, OEM, SQL Net, Import/Export, Data Pump Import/Export, Statspack, SQL Loader, SQL Plus, Shareplex Replication, Streams, BCV and SRDF,Oracle 10g R2 RAC

**Platforms:** Windows Vista/XP/2000/98/NT, IBM AIX, Solaris

**Education:**

 Bachelors of Engineering in Information Technology

**Certifications:**

 Oracle 9i Certified Associate

**Professional Experience:**

**MetLife Inc, Somerset, NJ Mar 2010 – Till date**

**Sr. Oracle Database Administrator**

The project involved setting up the pre-production environments and supporting the production environments and provide rotating 24x7 support and administration of more than 700 Databases. Install different versions of Oracle Binaries and work with the application team to maintain the performance of both the applications and databases. Solve the violations in the databases to maintain database security.

**Responsibilities:**

 Involved in the **design, review, implementation**, testing, and release of databases, design specifications, and application software.

 **Installed and maintain Oracle 10g RAC R2** Grid on Red Hat Linux 5x using ASM .

 Maintain and monitor Oracle 10g RAC three nodes production environment.

 Replication of databases using **Shareplex.**

 **Installed, up-graded Oracle (10g, 11g) software** in different environments, creating and maintaining Oracle development and test databases.

 Created users, granted roles and privilege management. Maintained user accounts and privileges to maintain application security.

 Work with the application team and the business team in determining the requirements and solving all kinds of database and data issues

 Work closely with the vendor to get the required fixes and patches to the application

 Work closely with the Business Objects and DDE team to get the required reports generated

 Manage the databases using **OEM**

 Developed the shell scripts to load the data coming from the vendor into the databases

 Used **Automatic Workload Repository (AWR)** and **Automatic Database Diagnostic Monitor (ADDM)** for performance tuning.

 Ensured security of the database by creating profiles for each user and monitored the user sessions.

 Interacted with development team in fine tuning the **SQL and PL/SQL code**.

 Extensively worked with performance tuning and memory (SGA) tuning, optimizing and troubleshooting of databases.

 Analyzed tables and indexes of Oracle database periodically for better performance.

 Migrated the code as well as the data from one environment to another depending on the Application team’s request

**Environment:** Oracle 10g/11g, IBM AIX, SQL, TOAD, OEM, SQL Loader, RMAN, Statspack, Data Guard, ASM, Share plex, Shell Scripts, Grid Control, AWR, ADDM, Oracle 10g **RAC**

**Tools and ticketing systems used –**

 BMC remedy **change management** for change ticket and incident ticket

 BMC patrol for database and server monitoring

 Tivoli Storage Management for backup

 Maestro to manager DBA and other scheduled production jobs.

**I-Solutions, I-Process, PWi Mumbai, India Apr 2007 – Mar 2010**

**Oracle Database Administrator**

The project involved in developing complex queries using SQL and PL/SQL and later assigned the job of a DBA for backup/recovery and performance tuning.

The project involved setting up the environment for the developers and maintaining the database and provide rotating 24x7 support and administration. Manage and building Data Guard Standby databases and manage/monitor database backup/recovery and creation/maintenance of development, system test and production database. Involved in monitoring 10 production/development/test database instances.

**Responsibilities:**

 Involved in the **design, review, implementation**, testing, and release of databases, design specifications, and application software.

 **Installed, up-graded Oracle (10g, 11g) software** in different environments, creating and maintaining Oracle development and test databases.

 Created users, granted roles and privilege management. Maintained user accounts and privileges to maintain application security.

 Involved in online and offline backups, and recoveries of various oracle databases using export and import utility.

 Extensively involved in **Oracle database exports and imports**.

 Worked with the **Recovery Manager, RMAN** and OEM in recovering the Oracle database.

 Involved in loading external files into the Oracle database using **SQL Loader.**

 Created standby databases for disaster recovery using Data Guard.

 Used Automatic Workload Repository (AWR) and Automatic Database Diagnostic Monitor (ADDM) in RAC for performance tuning.

 Upgrade of database from **Oracle 9.2.0.8 to Oracle 10.2.0.4** and from **10.2.0.4 to 11.1.0.6**.

 Ensured security of the database by creating profiles for each user and monitored the user sessions.

 Interacted with development team in fine tuning the **SQL and PL/SQL code**.

 Resolved the database issues of the users whenever in need of.

 Created **SQL Scripts** for static data, views, and synonyms.

 Involved in troubleshooting everyday problems in the 24X7 environment.

 Extensively worked with performance tuning and memory (SGA) tuning, optimizing and troubleshooting of databases.

 Analyzed tables and indexes of Oracle database periodically for better performance.

 Migrated databases from Sun Solaris to Windows using **RMAN** CONVERT option.

**Environment:** Oracle 10g/11g, Sun Solaris 9, Windows NT, IBM AIX, SQL, PL/SQL, TOAD, OEM, SQL Loader, RMAN, Statspack, Data Guard, Shell Scripts, Grid Control, AWR, ADDM

**Lucious Technologies, Mumbai, India Aug 2005 – Apr 2007**

**Developer / DBA**

**Responsibilities:**

 Responsible for 24X7 Production database administration, support and monitoring.

 Involved in development of **PL/SQL Procedures**, Packages and Database Triggers.

 Involved in data extraction and load operations during data Migration process using **SQL Loader** utility.

 Handled database tuning and performance enhancement (SQL tuning) for the application. Creating indexes, explain plan, optimizer hints, SQL Trace ,AWR and ADDM.

 Used EXPORT/IMPORT utilities for logical backups. Transferred the data from one database to another database. Used **RMAN** for hot and cold backup and for online/offline backups. Created backup scripts and ensured backups were occurring as expected.

 Made performance improvements to the database by building Partitioned tables, Index Organized Tables, Materialized Views and Bitmap Indexes.

 Responsible for maintaining application schema, schema changes.

 Performed database cloning to setup test and development database.

 Performed Validation checks and Applied patches to **Oracle Databases**.

 Provided support to Application Database Administrators in designing the database.

 Responsible for setting and managing user accounts, Granting required privileges to users.

 Responsible for network configuration and involved in a Client –Server environment using TNS, LISTNER, Net Configuration Assistant and other configuration files.

 Worked on Automatic Storage Management (ASM) for managing data in SAN.

 Handled Space Management which includes table space creation, adding new data files and creating rollback segments.

 Handled Security Management that includes enrolling users and maintaining system security by controlling and monitoring user access to database.

**Environment:** Oracle 10g, Toad 7.3, SQL Loader, SQL Trace, TKPROF, EXPLAIN PLAN, Export and Import, HP-UX, Database Cloning, Grid Control, OEM, Windows 2003.