## 

## KURVESH PATEL

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## SUMMARY

* Over 8+ years **of experience of** Oracle Database Administrator including 8i/9i/10g/11g on platforms like Sun Solaris, Unix/Linux, hp-ux and windows.
* **Hands on experience in** database administration, production support, installation, configuration, upgrades, patches, performance tuning, backup and recovery, space management, database security, cloning, migration, shell scripting as well as full documentation
* Expertise in various phases of System Development Life Cycle **(**SDLC**) like analysis, design, Development, testing, implementation and Maintenance.**
* Excellent Experience as **Production DBA with 24X7 support.**
* Expertise in Developing Recovery Manager **(RMAN)** scripts for database backup and disaster Recovery including **HOT** and **COLD** backup options for both RAC and standalone Instances.
* Excellent Experience in installing and maintaining **Oracle Dataguard** to implement physical Standby Database for Disaster Recovery in 9i, 10g, 11g and Providing Critical Solutions with strategic Disaster Recovery Plans.
* Experience in taking Logical Backups by using Oracle Utility **EXPDP** and **IMPDP** and experience in loading data from flat files to database using Oracle utility **SQL\*Loader .**
* Experience in Oracle 10g/11g **RAC** databases in dedicated Server mode with installations, configurations and Maintenance and Expertise in using **VERITAS Cluster Server (VCS)**.
* Performed Installation of Oracle 11g ASM &10g RAC software with ASM & OCFS2 File systems.
* Experience in **Migration** of databases from **oracle 9ix** to **oracle 10g** to High Availability **10g RAC** environment
* Excellent experience of **data migration**, **data archiving** and **data access techniques**
* Used **DBUA** for upgradation and migration of database from lower to higher versions and different platforms
* Installed and applied patched to oracle database and application
* **Hands on experience in** Hot/Cold Backup, Recovery**&**Cloning **of databases using** RMAN**with** VERITAS Net Backup**.**
* **Skilled in setting up Standby Database using shell scripts and** RMAN **utility tool,** activating and Re-building Standby Databases **both** Physical and Logical **supported by** DATAGUARD**.**
* **Implemented** RMANbackup **(Full, incremental and cumulative) and** recovery**,** Incomplete recovery **and** disaster recovery **using Data Guard.**
* Experience in tuning Different components and identifying bottle necks in performance of databases on OS, Storage, SGA levels.
* Hands on Experience in Performance tuning and optimization using **DBMS\_STATS, AWR and optimizer hint and tools like Explain Plan, STATSPACK, SQL\*Trace, TKPROF.**
* Analyzed **Automatic Workload Repository (AWR), Active Session History (ASH) reports.** And experience in generating statistics using **ADDM.**
* Creating and Managing **Users**, **Roles** and **Privileges** with required security implementations
* Expert in   encryption for databases using Wallet Manager
* **Database replication** using snapshot, materialized views and advance replication methods
* Expert in **creating** PL/SQL packages**,** Stored Procedures**, Functions, Triggers and Views to retrieve, manipulate and migrate complex data sets in Oracle**
* Strong in writing **shell scripts** to setup cron jobs for checking Adaptive server’s availability, backup of databases and crucial system tables, nightly batch jobs for data transfer between servers.
* Flexible and excellent team player. **Ready to work in any time slot**.
* Excellent troubleshooting skills and quick learner.

**TECHNICAL SKILLS**

* **RDBMS:** Oracle 11g/10g/9i/8i, oracle 10g (RAC & Data guard)
* **OS:**WINDOWS NT/2000/2003/XP, HP-UX 10.x, Sun Solaris 5.8,9, 10, AIX 5.1, 5.2, 5.3, Red Hat Linux RHEL 3x, 4x, 5x.
* **Tools:** OEM, TOAD, SQL Developer, F-Secure client, Hummingbird, Smart FTP, Cute FTP, Putty, Cygwin, Spot Light, Erwin, Rational Rose, Crystal reports, UML, Microsoft Visio, DBCA, Data guard, ASM, Cluster ware, SQL Plus,Oracle Golden Gate 10x
* **DB Utilities:** SQL \* Loader, Exp/Imp, Datapump Utilities, RMAN, Tkprof
* **Language:** SQL, PL/SQL for Oracle, Shell programming, C/C++.
* **Shell script:** Shell Script (Bourne shell & Korn Shell)

**EDUCATION**

* **BS in Computer Science, S.P.University, India**

**EXPERIENCE**

05/12 – Present *CSC (Computer Science Corporation), MD.*

**Senior Oracle DBA**

For more than 50 years, CSC has developed smart, technology-enabled solutions to solve clients toughest challenges, demonstrating a commitment to excellence and a passion for exceeding expectations. It has over 94,000 professionals and having major offices in Asia, Europe, and Australia. It has clients in more than 90 countries.

**Responsibilities:**

* Providing support for the Universal American Health Insurance.It is a Medicare Part D project that CSC is doing for its client.Health care software Trizetto Facets is used.
* Presently handling more than 12 Development & Testing databases and 5 Production database on different platform like HP-Unix, Windows
* **Installed, configured, and maintained Oracle 10g and 11g on Linux** andalso **Upgraded** from **Oracle 10g to 11g.**
* **Oracle 11g with Physical Stand by Data Guard.**
* Handling the code deployments developed by Developers on Dev, Test and Production.
* Managing users, profiles, roles and table space according to the requirement. Created custom script to create large number of users automatically.
* Database user backup using **Export /Import** Utility. And database backup using **data pump**.
* **Production refresh** to PRR environment and conversion environment when required.
* Done **partitions on tables and indexes** to get better performance on large tables.
* **Monitoring**Backup report, Database sync report (Verifying Production & Standby Database Synchronization), AWR report and wait events reports **using OEM and Custom scripts.**
* Configured **OEM** for the performance monitoring and database administration.
* **Monitored indexes** and analyzed their status for performance tuning and query optimization (Done lot of SQL tuning).
* Used SQL Trace, TKPROF, STATSPACK,PerfStat, Explain Plan, AWR and ADDM for database performance monitoring and tuning.
* SQL tuning helped up to 20 X performance improvement in some cases.
* Configuration of Listener service, Net service and resolving database connectivity issues.
* Provide support to Production and development, testing and implementation team on 24X7 bases.
* Actively involved in database backups **and Recovery strategies using RMAN** (**hot backup**).
* Database cloning Using RMAN.
* Configuration of redo logs for **physical Data Guard**to get better performance.
* Monitor the GAP and Maintenance of Data Guard to bring back in sync when required.
* Developed and modified Unix Shell scripts for scheduling of Backup and refresh of database.
* Extensive use of **Crontab** in UNIX environment for scheduling routine tasks.

**Environment:**Oracle 10g/11g, HP-UX 11.11, 11.23, OEM, Red Hat Linux RHEL 3x, 4x, 5x,Windows 2003 server, RHEL 4, EMC SAN.

02/11 – 03/12 *Wells Fargo,San Francisco,CA.*

**Senior Oracle DBA**

Wells Fargo & Company is a diversified Financial Services company providing banking, insurance, investments, mortgage and consumer finance for more than 23 million customers through 6,000 stores, the internet and other distribution channels across North America and elsewhere internationally.

**Responsibilities:**

* **Installed, configured, and maintained Oracle 10g and 11g on Linux** andalso **Upgraded** from **Oracle 10g to 11g.**
* Performed the **migration** from **Tandem** to Oracle 11g.
* Expertise in designing the table structure using **Visio** by creating **ER diagram** and normalized all the tables from the scratch according to the specifications provided.
* Performed administrative maintenance, monitoring on Oracle database systems in a global 24x7 operational environment.
* Performed Database Refresh from Production to Development databases.
* Used **PL/SQL (stored Procedures, triggers, packages), SQL\* PLUS, SQL\* LOADER** of oracle database.
* Supported different Databases like **Testing, Staging and Training.**
* Performed installation and configuration of Oracle 10g/11g RAC databases on Linux.
* Upgraded the **Oracle 10g** database to **11gR2 version** and also applied **patch set and interim patches** whenever required to make the database software up to date.
* **Installed RAC** on Oracle 10g and worked on ASM feature of Oracle.
* Worked closely with developers during release and used oracle advanced features to achieve minimum downtime.
* Good experience in **Performance tuning** of large databases.
* **Data Guard** administration and maintenance.
* **Monitoring Day-to-Day Backups, Log’s & recovering** them as per the requirement. Utilized Log Miner Technology & applied Application Database Transactions on other Databases.
* Successfully implemented **Backup & Recovery using RMAN, Hot and Cold backups.**
* Taking the **RMAN incremental and cumulative backups.**
* Scheduling the databases backup using Cron tab and **VERITAS net backup.**
* Perform **Logical backup** using full/partial export/import and data pump.
* Creating **Logical and Physical database structure,** Creating and altering**Tablespaces. Managing Users and Resources, Granting and revoking privileges through Roles.**
* Provided **instance levelperformance monitoring** and **tuning for Event Waits, Sessions, Physical and Logical IO and Memory Usage.**
* Supported development teams by providing **SQL statement tuning and optimizing ETL** procedures and removing load and query performance bottlenecks by using **tools EXPLAIN PLAN, STATSPACK, and TKPROF.**
* Perform **Daily Monitoring of Oracle Instances, monitor users, and table spaces, Memory Structures, Rollback Segments, Logs and Alerts.**
* Creation of **Users** and granting them the required **Roles** and **Privileges** accordingly.
* Involvement in **space management, managed quotas.**
* Implemented advanced features of Oracle 10g such as Automatic Database Diagnostic Monitor (ADDM), Automatic Workload Repository (AWR) for monitoring database performance.
* Configuration of **Listener and Net Service** names using **NETCA and NETMGR**.
* Cloned schemas, objects and data on new server using **Data pump**.
* Managing **databases on multiple servers.**
* Worked extensively on monitoring 10G grid control database, configuration of error notifications, installing listeners, and adding them to the grid control.

**Environment**: Oracle 11g/10g,UNIX RHEL 5.x, OEM (Grid Control), RMAN, RAC and Data Guard, Explain Plan, Oracle Support, SQL Developer, Data Pump, Business Objects, Toad, Awr, Addm, Sql\*Loader, VERITAS Net Backup, Visio.

10/09 –12/10 *United Bank, VA*

**Oracle DBA**

United Bank’s Trade completion system was involved in enriching the trade information which was received from the “Trade Order Management System”. The system was responsible for calculating the various costs and brokerages involved with the processing and execution of the trades, interactions with various ECN (Electronic learning system) and trade settlement systems. It implements the business logic for post trade processing, allocation, clearing, and settlement.

**Responsibilities:**

* **Installation**, **monitoring**, and **maintenance** of Oracle 9i database.
* Created and managed the database objects such as tables, indexes and views.
* Created **users** and assigned **roles**.
* Created and managed the database storage structures which include **data tablespaces**, index tablespaces, rollback tablespaces, and rollback segments.
* Loaded the database with **SQL\*Loader.**
* Improved the performance by using **Indexes, Explain Plan, SQL Trace, and TKPROF** for effective retrieval and processing of queries used for retrieving the data.
* Performed **logical and physical structure** of tables, indexes, modeling, normalization, and foreign key constraints.
* Database maintenance including **backup** and **recovery**, **import/export**.
* Monitored the database daily activities.
* Responsible for writing database programming to store/retrieve the information from the database using SQL.

**Environment:** Oracle 9i, Quest Toad, SQL\*Loader, SQL\*Plus, SQL Server 2000, Oracle Enterprise Manager (OEM), VERITAS Net Backup, RMAN, RHEL AS 3.0, and Windows 2000.

07/08 – 09/09 *Chasebrexton Health Services, MD*

**Oracle DBA**

Founded in 1978 as a gay health clinic, Chase Braxton Health Services has evolved from a small organization serving only the gay community into a multi-faceted health center offering a continuum of care to a diverse - and often medically underserved - community.

**Responsibilities:**

* Worked in Oracle **8i, 9i,10g Sun, HP PA-RISC and Itanium** environment
* **Migrated & upgraded** databases from Oracle **8i, 9i, 10g R1** to oracle **10g R2**.
* **Installation of Oracle 9.2.0.6, 9.2.0.7, 10.2.0.2, 10.2.0.3 and 10.2.0.4 binaries.**
* Created new **10gDatabase and performed regular RMAN backups for all the databases**.
* **Patch Analysis, Patch Installation.**
* Worked with different application teams to carry out different Migration and provided warranty support for 2 weeks after handing it over to app team.
* **Documented** instructionsfor migrating & upgrading databases.
* Refreshed schemas from Production environment to Dev/Test environment using **exp/imp** and **expdp/impdp** utilities.
* Maintained Checklist for monitoring Production and Test systems.
* Wrote various **shell scripts to automate tasks**.
* **Created tablespaces** and managed tablespaces by adding/deleting/resizing data files.
* **Created schema** (tables, Indexes, views, sequences, synonyms, packages).
* Setup database **auditing, granted privileges** to users through system/object roles.
* Worked as part of a team and provide **24x7 supports** when required.
* Created and configured **logical Dataguard.**
* Run **CSSCAN utility** and migrated character set in different databases to avoid character set incompatibilities.
* Implement and maintain database security.
* Took **remote export** of a database residing on a remote server using tns entry (same oracle version) due to non availability of space in legacy server.
* Created **db link** for inserting large tables directly without taking export.
* Managed databases of various sizes ranging from 1 GB to 2 TB.
* Online index rebuilds and storage recovery.
* Deleting data and arch file systems on legacy server after Database Migration to new server.
* **Created Procedure, Function, Triggers**.
* Installed STATSPACK in 9i environment.
* Taking Hot and cold backups.
* Strong expertise in RMAN.
* **Creating and managing partitioned tables and indexes.**
* Monitor and tune database performance using **STATSPACK and AWR.**

**Environment:**Oracle 8i, 9i, 10g, HP-UX 11.11, 11.23, Sun Solaris 5.8/5.9, REMEDY,Mercury PeopleSoft software.

04/07 –05/08 *Mckinsey&Company, NY*

**Oracle DBA**

DBA Support for large number of Production and Development servers. Project Profile Mickensey and Company a financial consulting company has its offices in USA, Europe and some other countries. The project was to support the databases, taking care of user requests and also to develop a system to streamline the database administration. Was responsible for all database management and basic UNIX system administration for 20 servers and 30 databases spread all over the world.

**Responsibilities:**

* Responsible for primary data warehouse
* Managed large partitioned databases on Unix, and Windows 2000 platforms
* Worked with developers and change management team to ensure smooth life cycle progress from development through testing and production implementation. Installed, configured and supported several 9i RAC databases
* Designed and implementation of new product databases
* Initial build script development and maintenance
* Conversion of text file (initial load) data (sqlldr)
* Backup and recovery via RMAN scripts and troubleshooting
* Monitored of Oracle database; automated error notification
* SQL statement analysis and tuning
* Storage analysis and allocation
* Online index rebuilds and storage recovery
* Installation, configuration and upgrading of Oracle server software and related products
* Evaluated Oracle features and Oracle related products
* Implemented and maintain database security (create and maintain users and roles, assign priveledges)
* Worked as part of team and provide 24x7 supports when required.
* Did general technical troubleshooting and give consultation to development teams.
* Created new database users as required.
* Managed sharing of resources amongst applications.
* Assists with impact analysis of any changes made to the database objects.
* Administers all database objects, including tables, clusters, indexes, views, sequences, packages and procedures.

01/06 –02/07 *Cyrus Technology, INDIA*

**Oracle DBA**

Cyrus is a leading IT consulting company in India. It is also one of the leading business outsourcing services in India. With a wealth of experience partnering the world's leading banks and financial institutions, and a comprehensive range of services and solutions, TCS is the partner that gets clients results optimized investments, enhanced operational efficiencies, minimized risk, and sustained cost leadership. Providing superior levels of customer service

**Responsibilities:**

* Performed**database design** and **development**.
* Providing **back-end support** for customized Forms like customer and supplier maintenance, bill, receipt, letter of credit, invoice, debit and credit notes.
* Created **users** and assigned **roles** and **profiles** to users.
* Maintained data integrity, profiles, resources and password security.
* Used direct path loading vi SQL\*Loader/ SQL INSERT statement, CREATE TABLE AS SELECT statements, table spaces, parallelized SQL statement execution where appropriate tables.
* Developed**PL/SQL Packages to monitor** revenue earnings and expenses and to maintain the general ledger of the organization.
* Developed stored procedures and functions using PL/SQL for complex updates and audit trails.
* Written database triggers for audit and data validation.
* Designed**the Entity-Relationship model and normalized database**.
* **Performed re-sizing of data files, managed tablespaces** and data files.

**Environment: Oracle 8i, SQL\*Plus, PL/SQL, Unix, Red Hat Linux AS 2.1/3.0, and Windows 2000.**