**ANKIT GUPTHA**

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**Summary:**

* **Over Ten years** of Professional IT experience in Oracle Database Administration, design and development of application back ends, their maintenance and support using **Oracle Relational Database Management System(RDBMS), SQL, and PL/SQL** on different platforms like **Windows NT/2000/XP, UNIX and Linux**.
* Good experience of Performance Analysis**and**SQL query tuning **using Query Optimizer, Indexes, Clusters, SQL Access Advisor,** Hints, Explain Plan, and Tkprof.
* Extensive experience on development and maintenance of various Database Objects like **Tables, Partitioned Tables, Views, Materialized Views, IOTs, Sequences, Synonyms, Procedures, Functions, and Triggers** etc.
* Experience in conducting requirement and systems analysis, feasibility studies, design reviews, plan reviews, implementation, and post implementation surveys.
* Highly skilled in design, development, implementation, and testing of business applications.
* Very good experience in unit, system and regression testing for various projects.
* **Proficient in PL/SQL programming** – Stored Procedures, Functions, Packages, SQL tuning, and creation of Oracle Objects – Tables, Views, Materialized Views, Triggers, Sequences, Synonyms, Database Links, and User Defined Data Types. Experienced in **Dynamic SQL, PL/SQL Collections and Exception handling**.
* Experience in **advanced PL/SQL concepts** like Bulk collect, Multi Table insert, Materialized Views, PL/SQL tables, Cursors, Nested tables, Varrays, Records, Types and Dynamic SQL for DML operations for better performance.
* Proficient in **Oracle 11g/10g/9i/8i, PL/SQL back end applications** development **Toad, SQL Plus, and PL/SQL Developer**.
* Good experience and hands-on with **Export, Import and SQL\*Loader Utilities.**
* Expertise in Database **Performance Tuning, Performance Monitoring** and Optimization using **Oracle Hints, Explain plans, Tk-Prof and Table Partitioning**.
* Used **Clear Case version** control tool for maintaining the different versions of files and implementing the code changes.
* Experience in creating **SQL loader scripts** to load data from flat files into the database and also creating **External Tables** to manage data which is stored at the OS level.
* Got excellent experience in **debugging** the stored Procedures manually.
* **Administrating Oracle Databases**, working with customers to develop database designs, **assisting with security management, and providing end user training.**
* Expertise in managing usage of space in **Table spaces and data files.**
* Experience in Managing **Schemas and Users.**
* Experience in Managing **Roles, Profiles, System & Object Privileges.**
* Experience in creating UNIX Scripts.
* Working knowledge of Pro\*C (to provide a platform for PL/SQL as well) for generating the executable binaries for the application GUI.
* Well-versed with different stages of Software Development Life Cycle (SDLC).
* Excellent analytical, problem solving, communication and inter-personal skills. Quick learner with ability to master new concepts and applications.

**Technical Skills:**

**Programming Languages:** PL/SQL, Unix Scripting, C, Pro\* C.

**Web Technologies:** HTML, DHTML, Java Scripting.

**Database:** Oracle 9i, 10g, 11g.

**Tools:** Toad, SQL Developer, PL/SQL Developer, Putty, Remedy.

**IDE:** Visual Studio Team System, MS VS.Net 2000/2003/2005.

**Configuration Management Related:** MS Visual Source Safe 6.0, IBM relational clear case.

**Operating System:** Windows 98/2000/NT/XP/2003, Windows 7, Unix/Linux.

**New edge, Chicago, IL Oct 2014 - till date**

**Role: Oracle PL/SQL Developer**

New edge is a **brokerage specialist**. It delivers innovative, superior, **multi-asset solutions**, across a broad range of **listed and OTC derivatives and securities**. It is acquired by **Societe General** (Bank of France). Both New edge and Societe General have different products and integration of these products is going on.

**Responsibilities:**

* Developing **PL/SQL Packages, Procedures, Functions and Triggers** in accordance with Business Requirements.
* Tuning **SQL queries by using EXPLAIN PLAN**.
* Uploading of the data from flat files into databases and validated the data with **PL/SQL procedures**.
* Coordinating with the front end design team to provide them with the necessary stored package and procedures and necessary insight into the data.
* Creating various generic procedures using **DBMS\_STATS** and Rebuild Index to generate the statistics of tables and improve the performance.
* Creating **PL/SQL packages and procedures** using **advanced PL/SQL concepts** like Bulk collect, Multi Table insert, Materialized Views, PL/SQL tables, Cursors, Nested tables, Varrays, Records, Types and Dynamic SQL for DML operations for better performance.
* Creating Packages for batch processing and using **DML\_ERROR\_LOGGING** and **DBMS\_ERRORLOG** package for error logging.
* Developing many process improvements using the **Bulk Collect and FORALL (Bulk Bind) methodology**.
* Using **AUTONOMOUS\_TRANSACTION PRAGMA** in the procedures to control the transactions.
* Loading data from flat files into database tables using **SQL\* Loader**.
* Completing unit and integration testing of the jobs.
* Writing high quality and well documented code according to standards and documentation of various processes.
* Analyzing and implementing the change requests and maintaining daily batch cycles for different activities and provide the support.
* Performed SQL **tuning using Explain Plan, Hints and indexes**.
* Monitoring the session performance by using **v$session, v$sql** views.
* Debugging **Procedures & Functions** and improving the Performance of Application.
* Good knowledge of various **DBA, USER, ALL views** of **data dictionary**.
* Creating **UNIX scripts** for various database activities and extensively used shell scripts.
* Creating different jobs, process flows, events etc. in **UC4** for **scheduling** of jobs.

**Environment:** Oracle 11g, UNIX, Toad, Putty, UC4.

**Comverse Networks, Mount Laurel, NJ June 2012 – Oct 2014**

**Role: Sr. Oracle Database Developer**

Comverse is providing solutions in the field of BSS, VAS, and Data Monetization to 450+ Telecom Service Providers across 130 countries. It has nearly 2 Billion end users. Comverse tool Converged One is used to manage the subscribers of these Service Providers.

**Responsibilities:**

* Developing **PL/SQL Packages, Procedures, Functions and Triggers** in accordance with Business Requirements.
* Tuning **SQL queries by using EXPLAIN PLAN**.
* Uploading of the data from flat files into databases and validated the data with **PL/SQL procedures**.
* Coordinating with the front end design team to provide them with the necessary stored package and procedures and necessary insight into the data.
* Creating various generic procedures using **DBMS\_STATS** and Rebuild Index to generate the statistics of tables and improve the performance.
* Developing many process improvements using the **Bulk Collect and FORALL (Bulk Bind) methodology** and also by using hints for queries.
* Using **AUTONOMOUS\_TRANSACTION PRAGMA** in the procedures to control the transactions.
* Loading data from flat files into database tables using **SQL\* Loader**.
* Handling system utilization issues, performance statistics, capacity planning, integrity monitoring, maintenance.
* Preparing unit and integration testing of the jobs and documentation.
* Writing high quality and well documented code according to standards and documentation of various processes.
* Analyzing and implementing the change requests and maintaining daily batch cyclesfor different activities and provide the support.
* Performed SQL **tuning using Explain Plan, Tkprof, Hints and indexes**.
* Debugging **Procedures & Functions** and improving the Performance of Application.
* Responsible for maintenance of the databases (Database Startup/stop, Reboot, Performance Monitor).
* Maintaining and Moving archive logs when archive directory is full to NAS Drive.
* **Creating schema** and **users** and providing access to user and set the privileges.
* Extensively used user **roles, profiles** and direct object and system privileges.
* Managing **table spaces** by **resizing data files**, adding new data files.
* Good knowledge of various **DBA, USER, ALL views** of **data dictionary**.
* Creating **UNIX scripts** for various database activities and extensively used shell scripts.
* Managing the different versions of the code through **IBM Rational Clear Case.**

**Environment:** Oracle 10g, 11g, UNIX, SQL Developer, Putty, IBM Rational Clear Case.

**Eli Lilly, Indianapolis, Indiana Oct 2010 - June 2012**

**Role:** Application Database Developer/ Administrator

The client has nearly 2000 databases hosting more than 2600 applications. TCS has been selected to provide the DBA support for all the databases and applications. Now TCS is performing all the DBA activities for the client like installation of database, drop of database, backup, recovery, space management, memory management, user management.

**Responsibilities:**

* Ensuring compliance with strict client SLA for resolution of Trouble Tickets in Remedy.
* Supporting 250+ Databases and 320+ Applications related to G&A (Governance & Administration); functioning as an Application DBA for these applications.
* Supporting 600+ Databases and 850+ Applications related to Demand; functioning as an Application DBA for these applications.
* Creating & dropping users & schemas.
* **Creating & dropping** various **roles, profiles** to streamline the access of the users.
* Handling Access Management: **Granting & Revoking System and Object Privileges** to these users.
* Managing Application Object Management: Creating and dropping various application objects like **Tables, Partitioned Tables, Views, Materialized Views, IOTs, Synonyms, Procedures, Functions, and Triggers** etc.
* Doing schema replication from one database to another with the help of **exp & imp** and **expdp & impdp** utility.
* **Space Management**: Resizing table spaces and data files.
* Interacting with the application teams and preparing the logical design of the databases and converting the logical design into physical structures.
* Preparing the relationship between the tables in the databases to implement the business rules.
* Preparing **indexes** on the tables to fine-tune the access on the tables.
* Tuning of the various SQL Queries manually as well as with SQL Tuning Advisor, **Explain Plan, Trace and Tkprof** utilities.
* Interacting continuously with clients for various issues that come in applications.

**Environment:** Oracle 9i, 10g, 11g, UNIX, MS SQL Server, Toad, SQL Developer, Putty, Remedy, Microsoft Visual SourceSafe 6.0.

**BSNL (Bharat Sanchar Nigam Ltd.)** **Sep 2007 - Oct 2010**

**Role: PL/SQL & UNIX Developer**

BSNL is one of the largest telecom service providers in India. The aim of the project is to provide the company an integration of the billing module with the other modules like CRM, PMS, IVRS, etc. Tata Consultancy Services (TCS) has been selected to implement a new system for BSNL for its landline services.

**Responsibilities:**

* Worked on preparing various modules like Accounting, Deposit Handling, Payments using **Oracle PL/SQL**, **UNIX Scripting**, **and Pro\* C** as developer in core Billing Team.
* Created various database objects like **Procedures, Functions, Packages, Sequences, Views, Triggers, Partitioned Tables, Materialized Views** required for various modules & creating the relationship between objects to implement the business rules & creation of **indexes** to reduce the execution time of the queries.
* Performance tuned the various existing codes in PL/SQL and SQL Queries using **Explain Plan, Trace, Tkprof** utilities.
* Debugging of various database objects like **Stored Procedures, Functions, Packages, Triggers** etc.
* Used **Dynamic SQL programming** technique to build and process **SQL statements** "on the fly" at run time.
* Developed **reports using complex queries** as per client request.
* Pro\*C (to provide a platform for PL/SQL as well) for generating the executable binaries for the application GUI.
* Developing **UNIX shell scripts** for Loading Database Tables, running SQL files, Packages and Procedures.
* Worked extensively on improving the layout of the system and proposed new changes.
* Coordinate with the **Test team** and explained the different workflows in the system.
* Worked closely with administrator during deployments and releases.
* Conducted Knowledge workshops to train users and gathered the change requests.

**Environment:** Oracle 10g, PL/SQL, HP-Unix, Pro\* C, SQL Developer, SAP, JavaScript.

**RBC Dexia, Gurgaon, India** **Jan 2007 – Sep 2007**

**Role:** Software Developer

**Description:**

The project aimed to implement a new integrated flexible and scalable system to cater Trade Settlement, Entitlement and Cash related business requirements. This is to replace existing systems to meet emerging & future business needs and technology directions.

**Responsibilities:**

* Created PL/SQL **Stored Procedures and Functions** in order to validate various new orders, it includes
* Validating the entire packages using **Exceptions, Constraints**.
* Created and scheduled numerous **Shell (Korn) scripts** using vi editor which will be useful for loading files into database. Also involved in automating the file transfer process, report generation process.
* Involved in the data extraction and data conversion of fixed format and comma separated files using Oracle **EXTERNAL TABLES**, writing it into another file using **UTL\_FILE** concepts.
* Extracted data from various databases and loaded into Oracle Database on a monthly basis using **SQL LOADER** utility.
* Involved in creation of table spaces, users, privileges, indexes, constraints, triggers, and synonyms, roles in order to facilitate and upload new products.
* Partitioned database tables using Range, Hash, List and Composite partitioning. Implemented bulk loading techniques like **Bulk Collect**, **Parallel/Append Hints**, external tables and SQL loader.
* Written ad-hoc SQL queries, for testing end-to-end process.
* Escalate critical issues to seniors to take necessary actions.
* Involved in QA, implementing the application, doing parallel run and day to day support activities.
* Involved in Enhancements and Customization of modules.

**Environment**: Java J2EE, Java Script, Oracle, UNIX, Clear case, putty, toad, PL/SQL developer.

**SKS IT, Bangalore, India Jul 2005 - Jan 2007**

**Role:** Software Developer

**Description:**

SKS IT is providing end to end solutions to its clients in the field of ERP applications. It has nearly 2 Million end users. Its applications are used to manage these end users.

**Responsibilities:**

* Responsible for creating Packages, functions, procedures, SQL tuning, database triggers, FTP and UNIX scripts.
* Interacting with the application teams and preparing the logical design of the databases and converting the logical design into physical structures.
* Writing complex SQL queries using analytical functions, case and decode etc.
* Used Rational Clear Quest and Rational Clear Case to keep the version controls.
* Scripted Test Cases & Test Scenarios based on the requirements.
* Use case Updates, Responsible for updating use case
* Responsible for preparing the technical documentation
* Responsible for writing test scripts so that any user can test fixed form or report
* Code Review, Responsible for writing Code Review document.

**Environment**: Oracle 10g/11g, Quest Toad, SQL\*Loader, Windows, Sun Solaris 5.8, Erwin4.0, Data Guard, OEM, RMAN, Putty, SQL Trace,

**Education**

Master’s Degree from Maharishi Dayanand University, Rohtak, India.