**CHETANKUMAR BRAHMKSHATRIYA**

**Oracle Developer**

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**Professional Summary:**

* Over **6+** Years of substantial IT experience in various roles as **Oracle PL/SQL Developer**, Software Developer with strong background in **Oracle 11g/10g/12c** **SQL, PL/SQL**, **Unix shell scripting** development experience and solid understanding on Business Requirements Gathering, Business Process Mapping and translating requirements into specifications.
* Successfully managed multiple projects, working through a different geographical location (onshore - offshore) for **Banking** and **Telecom** domains.
* In depth knowledge in development methodologies like Software Development Life Cycle (SDLC) processes, **Agile Scrum** and **Waterfall**.
* Experience in performance tuning of the PLSQL packages and SQL queries on 11g and 12c database.
* Proficient in writing PL/SQL programming using **Packages, Cursors, Stored Procedures, Functions, Triggers**, advance PL/SQL for performance optimization like **Bulk collections, records, SQL Trace utility**.
* Extensive experience in developing all database schema objects such as **Tables, Views, Indexes, Constraints, Sequences, Synonyms, Materialized Views** and **Database Links**.
* Extensively worked on **PL/SQL Records** and **Collections, Bulk bindings, Ref Cursors, Nested tables** and **Dynamic SQL**, Autonomous transaction, Compound triggers.
* Extensive experience in back end database development tools like **SQL\*PLUS, TOAD, SQL Navigator, SQL Developer, PL/SQL Developer**.
* Worked with various performance tuning techniques provided by Oracle like **EXPLAIN PLAN, SQL\*TRACE, Indexes,** Optimizer mode initialization parameter.
* Experience with Oracle Supplied Packages such as **DBMS\_STATS**, **DBMS\_SCHEDULER** and **UTL\_FILE**.
* Good knowledge on logical and physical **Data Modeling** using **normalizing techniques**.
* Experience in development of database objects like **Tables, Indexes, Table Partitioning, Materialized Views, Synonyms, Bulk Binds and Inline Views**.
* Experience in reading and loading data from **Flat files** and **XML files** into database using Oracle supplied Packages, PL/SQL Procedures and SQL\*Loader.
* Experience in development and maintenance of **Data Warehouse** in **Oracle**. Creation of **SQL Server tables, Complex database queries** & **indexes and Stored Procedures**.
* Created UNIX shell scripts to automate the process and scheduling using **Autosys, cron Job Utility.**

**Technical Skills:**

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| **Databases** | Oracle 9i, 10g, Oracle 11g,12c |
| **SQL Utilities** | SQL\*Plus, SQL\*Loader, Import/Export |
| **Performance Tuning** | SQL Trace, Explain Plan |
| **Languages\Scripting** | SQL, PL/SQL, Perl, HTML, Shell Scripting |
| **Data Modelling Tools** | SQL Navigator, SQL Station, TOAD |
| **Scheduler** | Autosys, Cron Job Utility |
| **Version Control Tools** | Visual Source Safe, SVN and GitHub |
| **Operating Systems** | Red Hat Enterprise Linux (RHEL), UNIX, Win 98, XP/NT, Windows 2000 |

**Education:**

* **Master of Business Administration in Information Technology**

**Professional Experience:**

**Client : Austin Energy, Austin, TX Aug 2017 – Current**

**Role : Oracle PL/SQL Developer**

Austin Energy is the nation's 8th largest publicly owned electric utility (City of Austin). Serves more than 440,000 customers and more than 1 million residents in Greater Austin, Travis County and some areas of Williamson County. Austin Energy generates, sales and services electricity through various power plant and funds City of Austin and other departments.

Austin Energy has large IT department, supporting various applications required for utility management and other daily operations. Most critical business applications are supported by Oracle databases 24x7 sizing from 50+GB to 4+TB over variants of UNIX/Linux flavours.

**Responsibilities:**

* Involved in SDLC requirements gathering from business/end users.
* Creation of database objects like **Tables, Views, Procedures, Functions, Packages and Triggers.**
* Developed database **Triggers** for audit and validation purpose.
* Used **Bulk Collections** in PL/SQL objects to improve performance by reducing context switching between SQL and PL/SQL engines.
* Handled errors using **Exception Handling** for the ease of debugging and displaying the error messages in the application.
* Performance tuning of **complex queries** and tuning procedures by analysing the run time statistics generated by using utilities like **Explain Plan,** **SQL Trace.**
* Worked on **DBMS\_SCHEDULER** to execute the stored procedures in repeat interval to calculate the business logic for the data.
* Created **stored procedure** to dynamically **create DML Triggers** using EXECUTE IMMEDIATE.
* Worked on **Indexing** tables for faster retrieval of the data to enhance database performance.
* Involved on creation of various indexes in Oracle like **B-Tree, Bitmap** and **Function** Based on relational tables based on the cardinality for performance.
* Maintained code repository and versioning in **Subversion** and later migrated **GitHub**.
* Involved in the continuous enhancements and fixing of production problems.
* Handling offshore DB team to explain the requirements and providing technical guidance.

**Environment:** Oracle 11g SQL, PL/SQL, Oracle Performance Tuning, AutoSys, UNIX, Export / Import Utilities, TOAD, SQL Navigator, Query Analyzer, Enterprise Manager.

**Client :** FedEx, Pittsburgh, PA **Aug 2016 – August 2017**

**Role** : Oracle PL/SQL developer

The EPAT (Enterprise Pricing Analyst Toolkit) project is an interface with other Pricing systems to pull and push data as needed. EPAT seeks to rationalize and consolidate the various pricing tools used by Pricing Analysts (PA) to analyse account profitability. EPAT handles multiple service specific modules (Express US Domestic, FXGround US, FXSmartPost, LTL, International Domestic services and other US and non-US Services etc.)

**Responsibilities:**

* Involved in analysis, design and coding of Oracle processes in PL/SQL to build packages.
* Design and Development of data validation, load processes, test cases using **PL/SQL**, Stored **Procedures**, Functions, **Triggers** using Oracle 11g.
* Partitioned the fact tables and **materialized views** to enhance the performance.
* Used Pragma Autonomous Transaction to avoid mutating problem in database trigger.
* Assisted with testing existing code and making necessary enhancements for Oracle 11G upgrade.
* Installed and worked on the Single/ Multiple instance, Real Application Cluster (RAC) Oracle 10g/11g/12c RDMS database.
* Converted Oracle 11g databases into pluggable databases in 12c container databases.
* Oracle 12c installs typically on Solaris using the available local filesystem followed by importing data using data pump or external tables.
* Oracle 11g and 12c deployments typically on Oracle Linux using the available local filesystem, often in virtualized environments.
* Working on the ETL side of the process to load data into database from different servers.
* Worked on **SQL\*Loader** to load data from flat files obtained from various facilities every day. Used standard packages like UTL\_FILE, DMBS\_SQL and used BULK Binding involved in writing database procedures, functions and packages for Front End Module.
* Extracted data from different databases like Oracle and external source systems like flat files.
* Programmed in **UNIX shell scripts** to provide a user interface to Oracle forms and reports, also for job automation and daily backup.
* Created relevant staging tables to load the CSV/Excel files, identified the business validation rules.
* Worked on production support, and receive production calls, and working on trouble reports which are received from clients
* Maintain/modify PL/SQL packages, mentor others with the creation of complex SQL statements, perform data modelling and create/maintain and modify complex database triggers and data migration scripts.
* Created materialized view on remote database and automated scheduler of refreshing of materialized view.

**Environment:** Oracle 11g/10g/12c, SQL Developer, Oracle Application Servers, LINUX, UNIX, SQL\*LOADER, TOAD,

**Client : JPMorgan Chase, Jersey City, NJ Dec 2014 – Aug 2016**

**Role : Oracle PL/SQL Developer**

Time Series is a large enterprise-level system capable of storing all types of market data using a common platform. It can accept data at real time global market rates and recording that data into different types of distributed databases while also serving that data to consuming applications upon demand. The time series engineering team is managing the scalability and performance of the time series systems and as well as the variable data feeds development and integrations.

**Responsibilities:**

* Analysed the functional specs provided by the data architect and created technical specs documents for all the enhancements.
* Developed **PL/SQL Packages, Procedures, Functions, Triggers, Indexes** and **Collections** to implement business logic using SQL navigator.
* Data loads are being performed by using the **SQL\*Loader**, **Imports** & **UTL** files based on file formats.
* Worked in fast paced AGILE environment & attended daily scrum meeting.
* Experience in working a variety of analytical functions like **Rank, Dense Rank, LAG, LEAD** and **Partition Over**.
* Used advanced Bulk techniques (**FOR ALL, BULK COLLECT**) to improve performance.
* Used **SQL hints** and **Indexes** as needed to improve SQL performance.
* Coded **PL/SQL packages** and **procedures** to perform data loading, error handling and logging, used procedures into an existing ETL process.
* Developed SQL control files to load data through SQL Loader.
* Worked on different types of transformations like **Source qualifier, Expression, Aggregator, Router, Filter, Update strategy, Lookup, sorter, Normalizer, Sequence generator**, etc.
* Involved in **Unit testing** and System Integration testing for PL/SQL Stored Procedures and Functions.

**Environment:** Oracle 11g/10g/12c, SQL, PL/SQL, Oracle Performance Tuning, Autosys, UNIX, Sub Version, Export / Import Utilities, TOAD, SQL Navigator, Query Analyzer

**Client : Vodafone, Pune, India July 2012 – Dec 2014**

**Role : Oracle PL/SQL Developer**

Vodafone Essar is the largest service providers of GSM cellular service in India. It provides pre-paid, post-paid and value-added services like GPRS, WAP, EDGE, News etc. to its customers. Vodafone Essar now has operations in 23 circles covering 86% of India's mobile customer base, with over 38.5 million customers. Vodafone has partnered with the Essar Group as its principal joint venture partner for the Indian market. The objective of data migration is to migrate the data from old databases (iPOS, PPS, ePOS) to new cPOS database without disrupting or disabling active business processes.

**Responsibilities:**

* Worked as Senior Team Member, responsible for requirements gathering, status reporting, creating various metrics, project deliverables.
* Good understanding of Data modelling concepts such as Design of the Dataflow, ER Diagrams, UML, Use Cases, Normalization and De-normalization of Tables.
* Performed discussions with data modeler to update the data model for new requirements.
* Involved in migrating production database from **Oracle 10g to 11g** on Linux and implementing **RAC** (real application cluster) and deployment of objects to production environment.
* Developed **PL/SQL Packages, Procedures, Functions, Triggers, Indexes** and **Collections** to implement business logic using **TOAD, SQL developer**.
* Experience in loading data from **Flat files** and **XML files** into database, performing business validations on the data using **UTL\_FILE** package and **PL/SQL Procedures**.
* Managing Terabytes of Data Volumes and created **Materialized Views** for replication of data from various data sources.
* Developed complex SQL queries including **Joins, Sub queries, Correlated queries, and Nested queries, Unions, Intersect** and **Aliases**.
* Created **Records**, **Tables**, **Collections** (nested tables and arrays) for improving Query performance.
* Created **Partitioned** **tables** and **indexes** to improve the performance of the applications.
* Used **pipelined** functions for faster data accessibility.
* Handled dynamic **PL/SQL** **errors** using **Exception Handling**, **Error Logging** extensively for the ease of debugging and displaying the error messages in the application.
* Involved in Unit testing and System Integration testing for PL/SQL Stored Procedures and Functions.
* Wrote UNIX Shell scripts for performing development and DBA activities.
* Used the standard Oracle package **DBMS\_SCHEDULER** to automate/schedule jobs on daily, weekly and monthly basis and to run jobs in parallel to improve time-constrained performance.

**Environment:** Oracle 11g/10g, SQL, PL/SQL, Oracle Performance Tuning, Autosys, TKPROF, Oracle Hints, UNIX, 7 TOAD, SQL Navigator, Query Analyzer