**Sangram Reddy Chirra**

**Sr. Oracle Developer**

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**EXPERTISE SUMMARY:**

* Accomplished results oriented **PLSQL/Oracle Developer** with **7 years** of extensive experience in Design, Development, Administration, Testing, Authoring Documentation and Support.
* Well versed in developing various database objects like **Packages, Stored Procedures, Functions, Triggers, and Tables, Indexes, Constraints, Materialized Views** and others in **Oracle 11g/10g /9i** database.
* Highly Proficient in developing and customizing **Oracle Forms and Reports** using **Oracle Forms 11g/10g/9i, Reports 11g/10g/9i,** XML Publisher using **SQL, PL/SQL**.
* Developed custom **Forms and Reports** as per client requirements and making them web enabled using **Oracle Reports builder 9i/10g** and **Oracle Forms builder 1/10g** respectively.
* Developed **UNIX scripts** for transmitting files from the secure server to the customer specified server, using various **FTP batch processes**.
* Worked on developing **Informatica Mappings, Mapplets, Sessions, Workflows and Worklets for data loads.**
* Involved in **Migrating** the Data from Oracle database and Optimizing the database performance.
* Generated complex **SQL queries** and **PL/SQL procedures** to extract data from various source tables.
* Proficient in loading data from flat files into database tables using SQL\*Loader scripts.
* Functioned with **Arrays, Records, Oracle SQL** and **Exception Handling**.
* Revamped Performance Tuning which included creating indexes, partitioning tables, providing Hints, modifying tables using Explain Plan, **Oracle hints**, **DBMS\_PROFILER**, **DBMS\_STATS**.
* Worked with tools like **PL/SQL Developer**, **SQL Developer, SQL\*Loader, TOAD, SQL plus**, **External tables** and **UTL\_FILE**.
* Automating data loading, extraction, reports generation using **UNIX Shell scripting**.
* Experience in handling very large data files using **Export-Import Utilities** and **SQL\*Loader**.
* Worked on **Teradata** utilities like Fast Export, Fast Load, Multi Load to export and load data to/from different source systems including flat files.
* Good knowledge working with Teradata SQL Assistant and Query man.
* Efficient in **creating Test cases** and performed data validation and process testing for application moving into production.
* Strong **Business Intelligence Skills** with experience in **Oracle reports and Business Objects**.
* Experience in **building new Oracle Forms and customizing them**.
* Expert in generating reports using **Oracle Reports Builder, XML Publisher**.
* Adept in using Oracle Tools like **SQL\* Plus, Toad, SQL Developer, SQL Loader, Data Loader, SQL navigator.**
* Utilized **Informatica debugger** for trouble-shooting and to test the data flow
* Involved in all phases of the **Software Development Life Cycle from analysis, design, development, testing, implementation & maintenance** with timely delivery against aggressive deadlines.
* Expertise in **Designing, developing & Fine-tuning data Migration and data-retrieval scripts**.
* Expertise in writing Conversion and Interface programs using advanced utilities like **Bulk load, SQL\*Loader, UTL\_FILE, External Tables and DBMS\_UTILITY.**
* Expertise in **Database Performance Tuning, Performance Monitoring and Optimization using Oracle Hints, SQL Trace, Explain plan and TKPROF**.
* Used **Normalizer transformations, XML Transformations, XXLT**.
* Strengthened and structured to work efficiently in both independent and team work environments.

**SKILL SET:**

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| --- | --- |
| **Operating Systems** | **DOS, Windows XP/NT, Vista,7, UNIX** |
| **Languages** | **SQL, T-SQL, PLSQL, C** |
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| **GUI’s**  **Technologies** | **Developer2000 (Forms 11g/10g/9i/6i, Reports 11g/10g/9i/6i), Oracle**  **Designer 2000, Crystal Reports 9/10, Discoverer10g, Oracle APEX** |
| **Databases** | **Oracle8i/9i/10g/11g, SQL server 2000, Oracle XML DB, MS Access TERADATA** |
| **Utilities** | **Informatica Power Builder 8.6/9,SQL\* Plus, SQL\* Loader, SQL Navigator, Toad, SQL Developer UTL\_FILE** |

**PROFESSIONAL EXPERIENCE**

**Autoliv, Brigham City, Utah Feb 2018 - Till Date**

**Role: ETL Developer/ PL/SQL Developer**

**Responsibilities:**

* Developed notifications for different payment plans. Also Worked on **Queue Processing** and **Shell Scripting.**
* Worked with Business Systems Analysts and Database Administrators to understand and implement functional and non-functional requirements into the project.
* Responsible for **Developing** and **Testing** of client application code related to applications.
* Created and generated various Database objects like tables, views, materialized Views, Procedures, Functions, partitioning tables, indexes, sequences, synonyms using **TOAD.**
* Involved in writing **PL/SQL packages, procedures, functions** and **complex queries**.
* Extensively used **Materialized views** and **DB links** for remote instances to retrieve data from other databases.
* Web Service integration with oracle, Batch process designing and Bulk data loading process creation.
* Data mapping process initialized and Architect the internal data structure for reporting.
* Extensively developed **PL/SQL Packages, Stored procedures, Triggers**, and finely tuned them for performance. Extensively used **PLSQL tables** and **Bulk loader** programs for processing data and loading into oracle tables.
* Imported various Sources (File based ETL Loading and RDBMS), **Created Targets**, and **Transformations** using Informatica Power Center 9.1 Designer
* Performed extensive defect fixing and support during the client pre-production testing phase, identifying issues and tracking them through HP quality center.
* Wrote generic **PL/SQL code modules** (PL/SQL Libraries) for Reports to handle data manipulations on client.
* Worked on **Informatica PowerCenter** for Extraction, Transformation and Loading process.
* Designed and implemented client-server application using **Oracle Forms Builder**.
* Proactively tuned **SQL queries** leading to significant improvement in system response time and efficiency.
* Used TERADATA utilities **FASTLOAD, MULTILOAD, TPUMP** to load data.
* Wrote **FASTEXPORT** scripts to export data from **TERADATA DATABASE TO GENERATE FILES**.
* Developed **UNIX scripts** for transmitting files from the secure server to the customer specified server, using various **FTP batch processes**.
* Involved in all phases of software development including gathering requirements, creating specifications, development of database objects, developing code and validating programs.
* Performed various activities like creating, debugging and modifying data base objects and User defined functions and finely tuned them for performance.
* Performed Informatica Code Migration from Development/Systest/QA.
* **Migrated forms from 9i to 11g** and recompiled them for validating any decommissioned features.
* Developed **UNIX Shell Scripts** with embedded SQL\*Loader, expdp/Impdp calls and PL/SQL statements to extract data in the form of flat files for data loading and migration.
* Developed and customized existing reports as per client specific requirements using **Oracle Reports Builder 10g**.
* Created and monitored the **Oracle DBMS JOBS** as a part of weekly tasks.

**Environment: Oracle Database 9i/11g, Informatica Power Center 9.0, Windows 7, SQL Developer, Forms Builder 10g, Reports Builder 10g, XML, SQL, PLSQL, Unix Shell Scripting, Perforce, WINSCP, PUTTY, TERADATA R12/R13, TERADATA SQL Assistant.**

**Honda, Marysville, Ohio May 2017- Jan 2018**

**Role:Sr. Oracle Developer**

**Responsibilities:**

* Implemented B2B (business to business) and B2C (business to customer) software change requests involving full software development life cycle (SDLC) by performing design.
* Created Database objects such as Tables, Views, and Sequences. And Designed database objects such as tables, indexes, constraints, sequences and synonyms.
* Developed **oracle database procedures, functions, packages and triggers**.
* Developed PLSQL code extensively using **Cursors, Ref Cursors, Oracle Collections, PLSQL Record Object Types, Associative Arrays, Variable Arrays, Nested Tables,** passing the table types as parameters, reading, modifying these table types, Exception Handling techniques.
* Developed several Oracle reports using Oracle Report Builder in **Inv, AP, AR, PO and OM Modules.**
* Developed new **Oracle Forms** as per client requirements.
* Worked on complex **Informatica mappings**, **mapplets**, **reusable transformations, workflows and worklets** using various tasks to facilitate daily, weekly and monthly loading of data.
* Customized the existed forms using Oracle Form Builder.
* Customized the existed reports using Oracle Report Builder.
* Analyze, review code, perform bug fixings to optimize the performance.
* Extensively used various IDE's **SQL developer, SQL PLUS tools/utilities** for compiling/debugging the code.
* Created and maintained the **Data Model Repository** as per company standards.
* Responsible for gathering business change requests and after extensive analysis determine (and document) scope of technical changes and implementation strategy.
* Extensively developed PLSQL code with **cursors, Ref Cursors, Oracle Collections, PLSQL** Record Object Types to load XML data and process.
* Extensively used object types, **associative/variable arrays, nested tables, passing** the table types as parameters, reading, modifying these table types.
* Designed new tables to integrate with the existing schemas and created constraints, indexes, sequences and synonyms.
* Worked on **performance tuning** of the SQL queries to improve data conversion process.
* Modification to existing oracle stored procedures and functions to improve the performance by rewriting the SQL using bind variables and indexing the columns.
* Wrote customized API's to capture the run-time SQL generated through dynamic SQL.
* Created highly **re-usable, robust, highly performing SQL queries** using analytical functions.
* Performed **database administration, production support, installation, configuration, upgrades, patches, migration, backup and recovery, performance tuning, and cloning** on the above said versions.
* Identify the time taking SQL queries in Cursors and do performance tuning using **Explain Plan, TKPROF.**
* Maintained all of database service code and versions as central Repository.
* Maintained projects deliverables in a central Repository using on CA Clarity operational support systems.

**Environment: Oracle 11g/10g, Informatica PowerCenter 8.6.0, SQL, PL/SQL, Oracle Developer Suite, SQL plus, SQL Developer2.1/3.0, and Windows XP.**

**Open Link, Long Island, NY Nov 2015 – May 2017**

**Role: Sr. Oracle Developer/ Oracle Administrator**

**Responsibilities:**

* Responsible for Migrating the Data from Oracle database (PRODUCTION) to other database for company usage.
* Involved in **SQL** and **PL/SQL** performance tuning using EXPLAIN PLAN and DBMS\_PROFILER.
* 24/7 production support.
* **Installing and Upgrading** the oracle server and application tools
* Responsible for writing PL/SQL Packages, Functions, Procedures, Collections and cursors
* Importing and exporting the schemas using **Datapump** and **Maintained Schema Objects**.
* Developed PL/SQL Procedures and database triggers for the validation of input data and to implement business rules.
* Responsible for running the **DML** and **DDL** scripts in **UAT** and **PRODCUTION.**
* Wrote **PL/SQL** scripts for bulk data upload, data analysis and correction.
* Worked on Perl scripts to transfer files using **FTP** to all the **UNIX servers** at one time.
* Automatic email generation was used to monitor various back-end processes.
* Loading the data from large files into Oracle tables using **SQL\*Loader , PL/SQL**
* Responsible for creating Control files for SQL\*Loader.
* Creating primary objects (tables, views and indexes) once the application developers design an application.
* Enrolling the users and maintaining security.
* Controlling and monitoring user’s access to database.
* Monitoring and optimizing the database performance.
* Hands on experience with oracle Export and Import Utility tools to **migrate data** through different environments.
* Worked with developers to **repair and enhance** current base of PL/SQL packages to fix production issues and build new functionality and improve processing time through code optimizations and indexes.
* **Developed SQL scripts** for Referential Integrity check, which checks validity of incoming data with master tables in database.
* Developed SQL scripts, packages and procedures for Business rules check to implement business rules.
* **Monitoring, Resolving** and **testing** the customer's oracle deployments using Oracle Enterprise Manager.
* Developed UNIX Shell scripts to automate table creation, execute procedures.
* Wrote SQL queries for business teams for reconciliation purpose.

**Environment: Oracle 11g, UNIX, SQL, PL/SQL, SQL Loader, UNIX shell script, XML, Toad 12.6, SQL Developer**

**HYR Global Source, Overland Park, Kansas Feb 2014 – Oct 2015**

**Role: Sr. Oracle Developer**

**Responsibilities:**

* Extensively utilized the application object library to register **SQL\*LOADER programs, PL/SQL procedures, forms and reports.**
* Giving Training Sessions for Client.
* Advise functional people at requirement time regarding custom components finalization.
* Worked on Form Personalization for Different Requirements.
* Contributed 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, Cursors using **Oracle 10g**.
* Validated and loaded data into Oracle Database using DB links and external tables from **CSV files**.
* Developed Ref Cursors to accommodate the business rules.
* Created Tables, Views, Materialized views, and constraints.
* Designed and developed the **Forms and Reports** for the user Interface.
* Customized Form filed like enabling, disabling form filed and incorporating oracle alerts using **form builder 9i**.
* Expertise in setting up **UNIX Cron jobs.**
* Troubleshot errors using Exception Handling extensively for the ease of debugging and displaying the error messages in the application.
* Developed Grouping report and matrix reports using oracle reports **9i report builder**.
* Involved in testing backend **SQL queries** for query optimization.
* Developed **UNIX scripts** using VI editor to create FTP Jobs and to schedule the jobs.
* Creating the concurrent programs and registering the functions to the oracle applications (EBS).

**Environment: Oracle Database 10g, Oracle EBS R12/11i, Windows XP, UNIX, SQL Loader, SQL Developer, PL/SQL Developer Oracle Forms 10g, Oracle Reports 10g, XML, SQL, PLSQL, WinSCP, Putty.**

**DTDC, India Aug 2012 - Jan 2014**

**Role: PLSQL Developer**

**Responsibilities:**

* Responsible for gathering Business Requirements, creation of Technical design documents and user Documents.
* Used **SQL\*Loader**, PL/SQL procedures to facilitate data import to staging tables, interface tables and then to base tables.
* Used Materialized views in places where the data does not change very frequently.
* Developed **UNIX shell scripts** for batch jobs.
* Designed and developed Oracle Monthly Reports.
* Extensively used Oracle ETL process for address data cleansing.
* Scheduled the execution of **PL/SQL Procedures** using **UNIX Shell scripts** for updating of Base tables from Transaction Tables.
* Used **Materialized Views** to simplify data-warehouse summary management and speed query processing at the same time.
* Implemented corporate database backup management policy by automating various kinds of backups using **UNIX shell scripts**.
* Gathered data into **PL/SQL tables** for validating and loaded into Oracle tables using **BULK loader** utility.
* Developed Email Routing logic for validating, classifying and processing the incoming emails to Email Center.

**Environment: Oracle Database 9i, PL/SQL Developer, TOAD, Forms Builder 6i, Reports Builder 6i Workflow Builder 2.6.3.5, Kintana, PVCS**

**ValueLabs, India Sep 2011 – July 2012**

**Role: Oracle Developer**

**Responsibilities:**

* Responsible for **interacting with Business Users and other development teams** for **gathering requirements**.
* Developed **Functional and Technical Specifications**.
* Involved in creating **SQL loader** scripts to load the data from the flat file received from 3rd party vendors into oracle tables.
* Involved in writing **PL/SQL program** using **UTL\_FILE** package.
* Involved in **Unit testing, System testing and UAT**.
* Worked as production support specialist and **resolved production related issues**.
* Developed **Functions** & **Procedures** to manipulate the data and to load to the tables.
* Used Oracle Advanced concepts like **types, PL/SQL tables and V-Arrays and dynamic SQL** in generating the complex extracts from database.
* Involved in tuning using **EXPLAIN PLAN** and used hints to tune the queries.
* Involved in the creation of database objects like **tables, views, stored procedures, functions, Indexes** for new requirements**.**
* Involved in **creating users and requests, schedules in Oracle Apps** for all interfaces.
* Responsible for **Analysis**, **Design, Development/Customization and Testing/debugging** of the reports.
* Developed ETL mappings, transformations using **Informatica Power Center**
* Involved in **Development and Unit Testing.**
* Involved in **Coding**, **Data conversion** **and Implementation**.
* Designed front end screens in Pro\*C
* Extensively involved in writing **SQL queries** (Sub queries and Join conditions).
* Developed customer and order packages to process all customers and orders.
* Created database objects like views, stored procedures and functions.
* Prepared **Unit test plans** and developed **Technical Specifications**.

**Environment: Pro\*C, Oracle 9i/8i, UNIX Shell Scripting, Solaris, TOAD.**

**EDUCATION**

* **Bachelor’s of Computer Science Technology**