### Sai Kiran Parasa

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**PROFESSIONAL SUMMARY**

* A Technology driven IT professional with 7+ years of experience in designing and developing Complex applications, developing Reports for Internet/Intranet based applications using Oracle..
* Experience using SQL in a large-scale relational database environment.
* Expertise in writing SQL Queries, PL/SQL Stored Procedures, Functions, Packages, Database Triggers, Materialized Views, SQL Trace on Oracle 10g/11g databases.
* Extensively used Materialized views and DB links for remote instances to retrieve data from other databases.
* Extensive experience in developing UNIX Shell scripts, SQL and PL/SQL coding.
* Managed many database tables using Views and Sequences.
* Scheduled complex cron jobs on UNIX platform using crontab format.
* Extensively worked on data extraction, Transformation and loading data from various sources like Oracle, SQL Server and Flat files.
* Good knowledge in Data Warehousing and ETL using InformaticaPower Center 8.6.
* Good knowledge of data modeling using Erwin, Star Schema Modeling, and Snowflake modeling, FACT and Dimensions tables, physical and logical modeling.
* Strong skills in Data Analysis, Data Requirement Analysis and Data Mapping for ETL processes.
* Experience in tuning mappings and identifying in various levels like sources, targets, mappings and sessions.
* Experience in implementing Budgeting/Forecasting applications using IBM Cognos TM1 9.5.2/10.1 (Architect, Perspective, Rules, Turbo Integrator, TM1 web, Active Forms).
* Worked with end-users to use TM1 front-end tools like Active Forms, Cube Viewer and In spreadsheet Browser.
* Design and Development of Dimensions and Cubes using TM1 Performance Modeler, Architect and Perspectives.
* Building TM1 Rules, Feeders and Turbo Integrator processes.
* Working with TM1 applications, TM1 Web and Contributor.
* Building complex Turbo Integrator processes.
* Extensive experience in ETL design, development and maintenance using Oracle SQL, PL/SQL, SQL Loader, Informatica Power Center.
* Experience in Dynamic SQL, PL/SQL Collections and Exception handling.
* Developed custom Forms and Reports as per client requirements and making them web enabled using Oracle Reports builder 10g and Oracle Forms builder 10g respectively.
* Experience in Table Partitioning, creation of indexes for faster database access and better query performance.
* Extensively worked on data extraction, Transformation and loading data from various sources like Oracle, SQL Server and different file formats utilizing oracle Utility tools SQL \*Loader, Import and Export.
* Worked on Performance Tuning and SQL optimization.
* Good experience in building Excel macros and have knowledge on VB coding.
* Expertise in writing Pipeline functions and compound triggers.
* Planned, Designed and Implemented Table Partitioning for improving performance.
* Experience in Understanding complex performance issues and worked with DBA’s to suggest valuable ways to fix the problem.
* Coordinated with DBAs, QA, Release Management and external team for technical needs and to ensure the timely release of project.
* Good communication skills, inter personal skills and proven ability to perform both as an individual and as a team player.

**TECHNICAL SKILLS**

**Scripting** **:** PL/SQL, SQL, C, C++, UNIX

**Web Technologies** **:** HTML, HTML5, XML

**Database** **:** Oracle 9i/10g/11g, SQL Server, Ms Access 2000.

**Operating Systems** **:** Windows 95/98/NT/XP/Vista, Windows 2007, UNIX, Linux

**Tools/Utilities/IDE :**  SQL Developer, Putty, SQL Navigator, SQL\*Plus, SQL\*Loader, TOAD,

AQT (Advanced Query Tool), Oracle forms and reports 9i.

**Data warehousing Tools :** Informatica Power Center 8.6/8.1, Cognos TM1 9.5.2/10.1

**PROFESSIONAL EXPERIENCE**

**Streamline, Omaha, NE JUN 2013 - Present**

**Oracle PL/SQL Developer**

Railroads provide the safest, most fuel efficient and environmentally responsible mode of ground freight transportation. While railroads move 43 percent of all freight ton-miles, railroads consume only 5 percent of freight energy. Union Pacific can move one ton of freight nearly 500 miles on a single gallon of diesel fuel and is constantly working to develop new technology to improve fuel efficiency.

Union Pacific operates North America's cleanest and most modern locomotive fleet. Since 2000, Union Pacific has spent approximately $6 billion to purchase more than 3,400 locomotives that meet EPA Tier 0, Tier 1 or Tier 2 guidelines, with plans to purchase an additional 200 locomotives in 2012.

Freight trains are almost four times more fuel efficient than trucks and generate a carbon footprint that is on average, 75 percent less than trucks.

Union Pacific pioneered the technology that created a low-emissions switch locomotive, the "Genset Switcher." It has reduced emissions of oxides of nitrogen up to 80 percent and particulate matter by 90 percent while using as much as 37 percent less fuel compared to older switching locomotives.

**Responsibilities:**

* Developed Stored Procedures, Functions, Packages and SQL Scripts using PL/SQL.
* Created Materialized views for summary reports and extracts for better query performance.
* Used external hints during the SQL optimization to fast up the SQL process.
* Worked on BULK COLLECT for bulk loading the data into various transaction tables.
* Extensively used SQL\*LOADER to load the data into target tables.
* Extensively worked on Excel Macros and written various VB scripts to reflect to the Excel.
* Given many enhancements to the pricing team through which they can give the rate information to the costumer’s appropriately.
* Analyzed the business requirements and functional specifications.
* Design and development of Dimensions and Cubes using TM1 Performance Modeler, Architect and Perspectives.
* Building TM1 Rules, Feeders and Turbo Integrator processes.
* Working with TM1 applications, TM1 Web and Contributor.
* Building TM1 Active Forms and Web Sheets.
* Assigning Security Privileges for TM1 Applications using Cognos Access Manager (CAM).
* Requirements gathering and client coordination.
* Integration of Cognos TM1 applications with Cognos BI.
* Worked on Ref cursors.
* Used pipelined functions for better performance.
* Extracted data from oracle database and spreadsheets and staged into a single place and applied business logic to load them in the central oracle database.
* Used external hints during the SQL optimization to fast up the SQL process.
* Worked with the Data mart team and involved in the development process.
* Written and modified different stored procedures to load the data from a staging table to the target table during the SQL\*loader process.
* Used various Indexing and partition techniques to improve the query performance.

**Environment:**

Oracle 11g/10g, PL\*SQL, SQL Developer, SQL\*Plus, UNIX, Toad 9.6/9.7, IBM Cognos TM1(Versions 9.5.2/10.1), Informatica Power Center 8.6.1.

**Bank of Tokyo, Jersey City, NJ Jan 2011 to May 2013**

**Oracle PL/SQL developer**

BTMU is an integral part of the Mitsubishi UFJ Financial Group (MUFG) which is one of the world’s largest and most diversified financial groups offering financing, hedging, and investing solutions. Bank of Tokyo provides corporate and investment banking services, transaction banking solutions and payment solutions to financial institutions. I had worked in a project called Capital Markets Asset Liability Modeling at Global Markets Unit. CALM is a web based portal built to replace the excel-based mathematical models for monthly cash flow generation. The goal was effective control of market risks of interest rates and liquidity arising from commercial and investment banking business of the Bank.

**Responsibilities:**

* Analyzed the business requirements for the enhancements needed in the contract Administration application and related policy modules.
* Performed several DDL and DML operations.
* Created database packages with related functions and procedures.
* Developed views by joining multiple cash flow tables to show output as a report to the user.
* Extensive PL/SQL programming including Development of new backend packages, procedures and functions to incorporate advanced modules.
* Used DBMS\_SQL package for building, executing and describing dynamic SQL statements.
* Worked on BULK COLLECT for bulk loading the data into various transaction tables.
* Implemented various UNIX scripts to generate the data in delimited format.
* Used UTL\_FILE to load the data into oracle tables from FLAT, CSV and Text files.
* Added database triggers to some history tables of the database for keeping track of updates to values in a history table.
* Worked on Performance tuning using Explain plan, TK PROF.
* Performed SQL Query Optimization for better performance.
* Worked with jar files, ear files.
* Extensive use of Global Temporary Tables (GTT).
* Refreshed the development and test databases using export/import utilities.
* Used external hints during the SQL optimization to fast up the SQL process.
* Worked on Ref cursors.
* Used pipelined functions for better performance.
* Implemented various automated UNIX shell scripts to invoke PL/SQL anonymous blocks, stored procedures, functions and packages.
* Worked on inline and correlated Sub queries based on business context.
* Implemented various customized Oracle reports using different techniques in Oracle SQL/PLSQL like SQL\*Plus reports.
* Extensive and in depth analysis of the problem tickets to dig out the root cause for the problems.
* Involved in Impact analysis of the defects to the associated functionalities and modules in the Production environment.
* Database security by authenticating users, using logon triggers. Created materialized view on remote database and automated scheduler of refreshing of materialized view.

**Environment:**

Oracle 11g/10g, PL\*SQL, SQL Developer, SQL\*Plus, Export & Import Data, UNIX, Toad 9.6/9.7

**LifeClinic Health Management Systems India Pvt. Ltd. Apr 2009 to Dec 2010**

**Oracle PL/SQL developer/ Informatica**

Life clinic India is a subsidiary company of Lifeclinic International – The World’s largest supplier of commercial, automated Blood Pressure Monitors and Health testing Stations.

The world's largest supplier of commercial, automated, blood pressure monitors and health stations. Lifeclinic monitors can be found in over 30,000 pharmacies and 5,000 worksites, wellness centers, medical clinics and health clubs worldwide, performing 500 million blood pressure measurements annually. Lifeclinic monitors, health stations and personal health management systems encourage individuals to take an active role in their healthcare and provide corporate management with tools to help reduce costs while improving the health of individual employees.

**Responsibilities:**

* Analyzed the business requirements for the enhancements needed in the contract Administration application and related policy modules.
* Performed several DDL and DML operations.
* Created database packages with related functions and procedures.
* Developed views by joining multiple cash flow tables to show output as a report to the user.
* Extensive PL/SQL programming including Development of new backend packages, procedures and functions to incorporate advanced modules.
* Worked on BULK COLLECT for bulk loading the data into various transaction tables.
* Implemented various UNIX scripts to generate the data in delimited format.
* Created mappings and sessions to implement technical enhancements for data warehouse by extracting data from sources like Oracle and Delimited Flat files.
* Development of ETL using Informatica 8.6.
* Prepared various Mappings to load the data into different stages like Landing, Staging and Target tables.
* Used various transformations like Source Qualifier, Expression, Aggregator, Joiner, Filter, Lookup, Update Strategy Designing and optimizing the Mapping.
* Created various tasks like Session, Command, Timer and Event wait.
* Modified several of the existed mappings based on the user requirements and maintained existing mappings, sessions and workflows.
* Used UTL\_FILE to load the data into oracle tables from FLAT, CSV and Text files.
* Added database triggers to some history tables of the database for keeping track of updates to values in a history table.
* Worked on Performance tuning using Explain plan, TK PROF.
* Performed SQL Query Optimization for better performance.
* Developed various forms and reports using Oracle Forms and Reports builder 10g.
* Extensive use of Global Temporary Tables (GTT).
* Refreshed the development and test databases using export/import utilities.
* Used external hints during the SQL optimization to fast up the SQL process.
* Worked on Ref cursors.
* Used pipelined functions for better performance.
* Implemented various automated UNIX shell scripts to invoke PL/SQL anonymous blocks, stored procedures, functions and packages.
* Worked on inline and correlated Sub queries based on business context.
* Implemented various customized Oracle reports using different techniques in Oracle SQL/PLSQL like SQL\*Plus reports.

**Environment:**

Oracle 11g/10g, PL\*SQL, SQL Developer, SQL\*Plus, Export & Import Data, UNIX, Toad 9.6/9.7

**SishtaSoft Services Pvt.Ltd                                                                      Jan 2007 to Mar 2009**

**Oracle PL/SQL Developer**

SishtaSoft is based in Hyderabad, also popularly known as Cyberabad. The city has become a favorite destination for many multinational corporations (MNCs), including Microsoft, Oracle, GE, American Express and Motorola. The city boasts of more than 30,000-strong army of software engineers and 700 software firms. Cyberabad has chip-designing, hardware manufacturing, networking, semiconductor, ERP solution provider and software development centers.

According to the National Association of Software & Service Companies (http://www.nasscom.org/ ), the Indian software industry lobby, almost half the Fortune 500 companies now use Indian Software services. Several research studies in the United States confirmed that vendors rated India as their number one choice for outsourcing. Several software development and services companies including Microsoft, Oracle, IBM, Accenture, and many others have either set up their own facilities in India or outsourced to Indian companies. The USA and India have an average 12-hour time zone difference, which can provide a virtual 24-hour office to a client in the USA.

**Responsibilities:**

* Collaborated with the Business analysts and the DBA for requirements gathering, business analysis, testing and project coordination
* Developed Stored Procedures, Functions, Packages and SQL Scripts using PL/SQL.
* Involved in developing CRONTAB to schedule the information of cronentries.
* Involved in creation of Conceptual Modeling covering all the business requirements.
* Loaded the data into database tables using SQL\*loaderfrom text and excel files.
* Worked with the Data mart team and involved in the development process.
* Developed data model, SQL Queries, SQL Query tuning process and Schemas.
* Extensively used Ref cursors.
* worked with bulk collect to Implement the performance of multi row queries
* Developed SQL scripts, packages and procedures for Business rules check to implement business rules.
* Developed SQL and PL/SQL scripts to transfer tables across the schemas and databases.
* Data loaded from legacy systems using PL/SQL and SQL\*Loader.
* Remediate Oracle application Custom object components like Forms, report and Concurrent Program (PLSQL code).
* Involved in development of Oracle Forms/Reports, New Screen designs, Modifications.
* Design and develop Oracle PL/SQL batch and real time processes for loading data from internal and external systems using SQL Loader and External tables.
* Implemented SQL and PL/SQL stored procedures.
* Upgraded to Forms 10g, Reports 10g, maintained and troubleshoot Oracle Forms and Reports.
* Developed custom Forms and Reports as per client requirements and making them web enabled using Oracle Reports builder 10g and Oracle Forms builder 10g respectively.
* Worked on admin and user editions of discoverer 10g and used AIM (application implementation methodology) in documenting the development tasks.
* Developed Master Detail, Detail reports using tabular and Group above reports.
* Developed Procedures for efficient error handling process by capturing errors into user managed tables.
* Developed Shell scripts to automate execution of SQL scripts to check incoming data with master tables, insert the valid data into Customer Management System and invalid data into error tables which will be sent back to sender notifying the errors.
* Generated various analytical reports using Microsoft Access.
* Worked with java 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 UNIX Shell scriptsto automate table creation, execute procedures.
* Used Toad for creating PL/SQL (trigger, sequence, stored procedure).
* Used UTI\_FILE PACKAGES for writing DBMS\_OUTPUT messages to file.

**Environment:** Oracle 10g/9i, SQL, PL/SQL, SQL\*Loader, MS Access,  UNIX Shell script, TOAD, Oracle Forms 10g,Reports10g,UNIX, Windows XP/2000.owb 10g.