**SaiChirasmai Ampally**

**Sr. Oracle Developer**

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**201-450-6725**

**PROFESSIONAL SUMMARY**

* **9+ years** of extensive experience in IT as a **PL/SQL, SQL, and Oracle Developer** with expertise in Design, Development, Testing, Technical Documentation, and Support. Experience in developing various database objects like **Packages, Stored Procedures, Functions, Triggers, Tables, Indexes, Constraints, Materialized Views**, **Analytical functions, and Query Re-write** in **Oracle 12c/11g/10g /9i** databases.
* Expertise in developing and customizing **Oracle Forms and Reports** using **Oracle Forms 12c/10g/9i/6i, Reports 12c/10g/9i/6i, Discoverer 9i/10g**, XML Publisher and developing concurrent programs using **SQL, PL/SQL**.
* Experienced in installing and configuring **Oracle Forms and Reports 12c** on **Oracle Fusion Middleware.**
* Strong experience in providing technical documentation and status reports of applications.
* Solid experience in writing 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.
* Worked with **Arrays, Records, Dynamic SQL,** and **Exception Handling**.
* Involved in Performance Tuning which included creating indexes, partitioning tables, providing Hints, and modifying tables using Explain Plan, **SQL trace,** and **TKPROF**.
* Worked with tools like **PL/SQL Developer**, **SQL Developer, SQL\*Loader, TOAD, and SQLPlus**.
* Automating data loading, extraction, and report generation using **UNIX Shell scripting**.
* Experience in handling very large data files using **Export-Import Utilities** and **SQL\*Loader**.
* Efficient in **creating Test cases** and performing data validation and process testing for applications moving into production.
* Prepare/Maintain documentation on all aspects of **ETL processes**, definitions, and mappings to support knowledge transfer to other team members.
* Good understanding of Data modeling concepts like **ER Diagrams**, **UML, Use Cases**, **Normalization,** and **De-normalization** of Tables.
* Experienced in writing stored procedures and **UNIX scripts** as a part of the **ETL Process** and writing Python Scripts.
* As a whole worked on building ETL Processes with sources from Flat Files, Mainframes, SQL Server, and Oracle, and played a vital role in the Team to get things done.
* Knowledge of Principles of **Data Warehouse** using **Fact Tables**, **Dimension Tables,** and **Star/Snowflake** schema modeling.
* Proven ability to work efficiently in both independent and team work environments.
* Involved in ETL processing for **OLTP** applications.
* Experience in application development using various features of Oracle like **Bulk** **Collections**, Table Functions, Autonomous Transactions, **Dynamic SQL**, Object types, Records, and External tables.
* Worked on Oracle databases – 12c, 18c and 19c. Involved in migration from 18c to 19c database.

**EDUCATION**

Masters in Applied Computer Science 2014

Northwest Missouri State University, Maryville Missouri

Bachelor in Computer Science & Engineering 2011

Jawaharlal Nehru Technological University

**TECHNICAL SKILLS**

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| --- | --- |
| **Operating Systems** | **DOS, Windows XP/NT, Vista,7 Sun, AIX, Linux, UNIX** |
| **Languages** | **SQL, T-SQL, PLSQL, C, C++, COBOL, Java, C# .Net, VB .Net** |
| **Scripting Languages** | **JavaScript, Perl, HTML, and XML** |
| **GUI’s**    **Technologies** | **Developer2000 (Forms 12c/10g/9i/6i, Reports 12c/10g/9i/6i), Oracle Designer 2000, Crystal Reports 9/10, Discoverer10g, Erwin, ODI, J2EE (Servlets, JSP, JDBC), Oracle APEX** |
| **Databases** | **Oracle 9i/10g/11g/12c/18c/19c, SQL server 2000, Oracle XML DB, Oracle AIX, Oracle AQ, MS Access** |
| **SCM Tools** | **Subversion, CVS, Clear-Quest, JIRA** |
| **Utilities** | **SQL\* Plus, SQL\* Loader, SQL Navigator, Toad, UTL\_FILE, ETL tools Informatica Power Center, OEM** |

**WORK EXPERIENCE:**

**Kentucky Board of Nursing, KY**

**SQL Developer July’20 - Present**

**Kentucky Board of Nursing, Commonwealth of Kentucky,** is a public state organization that provides development and enforcement of state laws governing the safe practice of nurses, dialysis technicians, and licensed certified professional midwives**.** Evaluate issues related to the legal scope of licensed practical, registered, and advanced registered nursing practice.

**Responsibilities:**

* Worked in an agile team, to collect requirements from business users and access needs of the team.
* Reviewed requirements to develop Oracle Forms and Reports based on users’ requests.
* Majorly involved in migration of **Oracle Forms and Reports** from 9i to 12c.
* Worked on Oracle databases 18c and 19c.
* Developed programming in Oracle Forms and Reports to follow through a web-based approach when migrated from 9i to 12c.
* Built complex queries using SQL and wrote stored procedures using PL/SQL.
* Creation of database objects like **tables, views, synonyms, materialized views, stored procedures, and packages** using Oracle tools like **PL/SQL developer**.
* Wrote complex SQL using joins, sub-queries, and correlated sub-queries.
* Installed **Oracle Forms and Reports 12c** and configured port numbers for accessing Forms and Reports from user workstation to server.
* Wrote program to compile hundreds of Oracle Forms and Reports when migrating between environments.
* Maintained communication between team members and users regarding new migration projects.
* Involved in quality testing of Oracle Forms and Reports when migrated using the Test database.
* Resolving connectivity issues between the Oracle server and web client for running Oracle Forms and Reports.
* Developed new stored procedures and functions in the Oracle database to be accessed by **Oracle Forms and Reports.**
* Designed new Oracle Reports and developed SQL queries to help in accessing in front-end.
* Involved in restarting the Oracle Fusion Middleware server and restarting respective Windows Services needed for Oracle.
* Developed UNIX scripting for Windows services, also involved in scheduling services and file copy.
* Led the design and development of data warehousing solutions using Snowflake, enabling efficient data storage and retrieval for cross-functional analytics teams.
* Worked on Oracle Apex Applications, to enhance applications using APEX pages and Web services.
* Experience in migrating Oracle to **SQL server** databases, working with Microsoft SQL Server Management Studio environment, and working as an **MS SQL developer**.
* Experience in designing and generating new SQL server reports using **Microsoft Report Builder, SSIS & SSRS** as an **SQL developer** for Reports.
* Configured and installed Oracle Fusion Middleware Business objects to access Oracle Forms and Reports.

**Environment: Oracle 12c/11g Database, Windows Server, UNIX, SQL, PL/SQL, UNIX Scripting.**

**IBM, Raleigh, NC Sep’18 – June’20**

**Oracle PL/SQL Developer**

International Business Machines Corporation (IBM) is an American multinational information technology company headquartered in Armonk, New York, with operations in over 170 countries. IBM produces and sells computer hardware, middleware, and software, and provides hosting and consulting services in areas ranging from mainframe computers to nanotechnology.

**Responsibilities:**

* Worked in an Agile team, able to deliver stories within the sprint, and supported BA and UAT testing as needed. Handled complex requirements in the Accounts & Finance Management Applications.
* Reviewed the Business/ Functional/ System Requirement Specs, High-Level Design Documents, and Detailed Design Documents.
* Worked with **Business Analysts** and **Business Objects team** to understand the requirements and translate the requirement into technical specifications.
* Experience in application development using various features of Oracle like Bulk Collections, Table Functions, Autonomous Transactions, Dynamic SQL, Object types, Records, and External tables.
* Improve the performance of the slow **SQL queries** by implementing indexes.
* Involved in Unit testing and System Integration testing for PL/ SQL **Packages**, **Stored** **Procedures,** and **Functions**.
* Worked with **IBM DataStage Designer** to design a job that uses SQL code to extract and transform the data.
* Used **IBM Data Stage Director** to schedule the designed job to run daily and monthly, extracting data from source databases and loads to target databases.
* Involved in monitoring jobs, and designed easier notifications for success and failure of the jobs.
* Worked on managing credentials of various source databases using IBM Data Stage Manager.
* Developed code in **DB2 Cloud**, which uses a new cloud interface to keep the data intact with all the new technical approaches.
* Collaborated with data engineers to establish robust ETL processes, ensuring seamless data integration from diverse sources into Snowflake's cloud environment.
* Handled errors using **Exception Handling** extensively for the ease of debugging and displaying the error messages in the application.
* Used **GitHub** for version controlling and for the ticketing system to track technical tasks.
* Utilized ASP.NET MVC framework to create interactive and data-driven web applications.
* Developed data synchronization mechanisms between .NET applications and .Net APIs and SQL Server databases,

ensuring data consistency across platforms.

**Environment: DB2 Database, Netezza Database, Windows, UNIX, Toad, XML, SQL, PLSQL, UNIX Scripting, SVN, ALM, PAC2000, WINSCP, Putty.**

**Anthem Inc., Norfolk, VA Nov’17 – Sep’18**

**Oracle PL/SQL Developer**

Anthem Inc. is an American Health Insurance company, which controls about 80% of the medical insurance market in many states. Anthem is working to transform health care with trusted and caring solutions. Deliver quality products and services that give their members access to the care they need. With over 74 million people served by its affiliated companies, including nearly 40 million within its family of health plans, Anthem is one of the nation’s leading health benefits companies.

**Responsibilities:**

* Worked in an agile team, able to deliver stories within the sprint, and supported BA and UAT testing. Handled complex requirements in the Claims processing department.
* Reviewed the Business/ Functional/ System Requirement Specs, High-Level Design Documents, and Detailed Design Documents.
* Worked with **Business Analysts** and **Business Objects team** to understand the requirements and translate the requirement into technical specifications.
* Experience in application development using various features of Oracle like Bulk Collections, Table Functions, Autonomous Transactions, Dynamic SQL, Object types, Records, and External tables.
* Created **Cursors** and **Ref Cursors** in the PL/SQL Blocks.
* Worked with PEGA, and FACETS for processing claims, running batches for testing the requirements.
* Improve the performance of the slow **SQL queries** by implementing indexes, using **BULK LOAD, and BULK COLLECT,** and developing various procedures, functions, and packages to implement the new business.
* Involved in Unit testing and System Integration testing for PL/ SQL **Packages**, **Stored** **Procedures,** and **Functions** in Oracle RDBMS. Created **database triggers** for audit and data validation.
* Handled errors using Exception Handling extensively for the ease of debugging and displaying the error messages in the application.
* Used **SVN** for version controlling and **ALM** (Application Lifecycle Management) for the ticketing system. Deployed code to higher environments using **CNR Testing Utility** for SIT and UAT testing.
* Maintained code in company **standards**.
* Performed manual testing on the application and was involved in the defects fixing team.
* Involved in creating **ETL model (snowflake schema)**, normalizing, and documenting.
* Involved in ETL architecture for transferring **OLTP** to **OLAP**.
* Worked on MS SQL Server with .NET applications to develop SSRS Reporting Tools.

**Environment: Oracle Database 11g, Windows 7, UNIX, Toad, XML, SQL, PLSQL, UNIX Scripting, SVN, ALM, PAC2000, WINSCP, Putty.**

**Oracle PL/SQL Developer Sep'16- Sep’17**

**J. M. SMUCKERS, Orrville, OH**

J. M. Smucker Company is an American manufacturer and marketer of fruit spreads ice cream toppings, beverages, shortening, peanut butter, and other products in North America. Smucker's headquarters are located in Orrville, Ohio.

**Responsibilities:**

* Reviewed the Business/ Functional/ System Requirement Specs, High-Level Design Documents, and Detailed Design Documents.
* Worked with **Business Analysts** and **Business Objects team** to understand the requirements and translate the requirement into technical specifications, worked on test cases for user acceptance testing.
* Extensively developed **PL/SQL Packages, Stored procedures, Triggers**, Error Handling, and **Views** and finely tuned them for performance.
* Used **SVN** for version controlling and **PPM** for code deployment.
* Created **Cursors** and **Ref Cursors** in the PL/SQL Blocks.
* Customized the **Discoverer** Reports in Cross Tab Layout and Tabular Layout Formats.
* Created custom processes and **FE** pages in the **JDA** application.
* Worked with different business areas- Transportation, Warehousing, and Shipment. This involved integration on the database and developing reports for users.
* Worked with **BI publisher** to generate Invoice reports.
* Coordinated with DBAs and UNIX admin for deploying Application Server scripts.
* Created and used **DB- links** to connect to other local, QA, and Archive databases.
* Developed new functionality in the existing application as part of change requests.
* Scheduled D-Series **jobs** to be running as part of generating monthly and weekly reports.
* Developed and customized existing reports as per client-specific requirements using **Oracle Reports Builder 10g**, utilized advanced features **of PL/SQL like Records, Tables, Object types, and Dynamic SQL.**
* Design, develop, implement, and assist in validating **ETL processes**.
* Handled errors using **Exception** **Handling** extensively for the ease of debugging and displaying the error messages in the application.
* Used **SQL\*Loader**, PL/SQL procedures to facilitate data import to staging tables, interface tables, and then to base tables.
* Conducted thorough performance monitoring and tuning, identifying and resolving bottlenecks to achieve improvement in query response times using Snowflake.
* Designed and implemented client-server application using **Oracle Forms Builder**.
* Load balancing of ETL processes, database **performance tuning,** and capacity monitoring.
* Developed **materialized views** for data replication in distributed environments.
* Experience in SQL query tuning & database tuning using AWR, Explain Plan, and TKPROF.
* Developed custom JSON parsing scripts to extract and process data for reporting and analysis purposes.
* Experience in XML and JSON data parsing, transformation, and validation.

**Environment: Oracle Database 11g/10g, Windows 7, UNIX, SQL Developer, XML, SQL, PLSQL, UNIX Scripting, WinSCP, Putty, ALM HP Quality Center, Control-M, Oracle Applications EBS R12.**

**Credit Suisse, Morrisville, RTP, NC**  **Jun’15- Aug'16**

**Oracle PL/SQL Developer**

Credit Suisse Group is a Switzerland-based multinational financial services holding company headquartered in Zurich that operates the Credit Suisse Bank and other financial services investments. The company is organized as a stock corporation with four divisions: Investment Banking, Private Banking, Asset Management, and a Shared Services Group that provides marketing and support to the other three divisions.

**Responsibilities:**

* Extensively developed **PL/SQL Packages, Stored procedures, and Triggers**, and finely tuned them for performance. Extensively used PLSQL tables and Bulk loader programs for processing data and loading it into Oracle tables.
* Performed extensive defect fixing and support during the client pre-production testing phase, identifying issues and tracking them through the **ALM HP quality center**.
* Experience with **PL/SQL code modules** (PL/SQL Libraries) for Reports to handle data manipulations on clients.
* Involved in the generation of User Interface using Oracle forms by extensively creating forms as per the client requirements.
* Proactively tuned **SQL queries** leading to significant improvement in system response time and efficiency.
* 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, and developing database objects, developing code, and validating programs.
* Performed various activities like creating, debugging, and modifying database objects and User defined functions and finely tuned them for performance.
* Created and monitored the Oracle DBMS JOBS as a part of weekly tasks.
* Used **SVN** for version controlling, and **Control-M** for uploading and running jobs.
* Coordinated with unit testing and development testing at the ETL level in my mappings
* Involved in the Daily maintenance of the database that involved monitoring the daily run of the scripts as well as troubleshooting in the event of any errors in the entire process.
* Performed **Unit Testing** and **Integration Testing** of the Application. Involved in preparing documentation and user support documents.
* Worked closely with the QA team, Users (Business Users) for User Acceptance Testing.
* Handled errors using **Exception** **Handling** extensively for the ease of debugging and displaying the error messages in the application.
* Designed and implemented client-server application using **Oracle Forms Builder**.
* Expertise working with Oracle Database Migration from 11g to 12c conversion.
* Perform development DBA-related tasks involved with conversion projects such as performing import/exports, verifying database objects after migration, and comparing database objects.
* Used the PL/SQL procedures for Informatica mappings for truncating the data in target tables at run time.
* Experience in architecture, and integration of data in both **OLAP** and **OLTP** business intelligence data warehouses.

**Environment: Oracle Database 11g/10g, Windows 7, UNIX, SQL Developer, XML, SQL, PLSQL, Unix Scripting, Perforce, WinSCP, Putty, ALM HP Quality Center, Control-M.**

**NCI Building Systems, Houston, TX Jan’15 – June’15**

**Oracle PL/SQL Developer**

NCI is one of the top designers, manufacturers, and vendors of metal coatings, components, and buildings for nonresidential construction in North America. NCI has been quick to adopt web-centric technology across its operation that allows clients to buy, design and track their purchases on the internet. During the tenure of the project mainly focused on production support, reports development, and custom application extension development.

**Responsibilities:**

* Reviewed the Business/ Functional/ System Requirement Specs, High-Level Design Documents, and Detailed Design Documents.
* Worked with **Business Analysts** and **Business Objects team** to understand the requirements and translate the requirement into technical specifications.
* Experience in application development using various features of Oracle like Bulk Collections, Table Functions, Autonomous Transactions, Dynamic SQL, Object types, Records, and External tables.
* Created **Cursors** and **Ref Cursors** in the PL/SQL Blocks.
* Validated and loaded data into Oracle Databaseusing DB links and external tables from CSV files.
* AUTOSYS job scheduling- created the **JIL scripts** and **UNIX shell scripts** to automate the jobs scheduling
* Created batch jobs in regular maintenance, production support to load the data using UNIX shell scripting.
* Designed and Developed scripts for uploading data from flat files and XML files into the database, performing business validations on the data using **PL/SQL Procedures**.
* Improve the performance of the slow **SQL queries** by implementing indexes, using BULK LOAD, and BULK COLLECT, and developing various procedures, functions, and packages to implement the new business.
* Created **database triggers** for audit and data validation.
* Involved in Unit testing and System Integration testing for PL/ SQL Stored Procedures and Functions.
* Used **SVN** for version controlling and **ALM** (Application Lifecycle Management) for the ticketing system.
* Involved in creating **ETL model (snowflake schema)**, normalizing, and documenting.

**Environment: Oracle Database 11g, Windows 7, UNIX, Toad, XML, SQL, PLSQL, UNIX Scripting, SVN, ALM, PAC2000, WINSCP, Putty.**

**Liberty Mutual, Dover, NH Jan’14 - Dec’14**

**Oracle PL/SQL Developer**

Liberty Mutual Insurance is the third largest property and casualty insurer in the U.S. committed to providing broad, useful, and competitively-priced insurance products and services to meet customers' ever-changing needs**.** As an Oracle developer, I was involved in creating staging tables and loading the data into them from the legacy system and created forms and reports as per business requirements.

**Responsibilities:**

* Developed Packages to validate raw data from Flat Files and insert them into tables.
* Involved in the data transfer creating tables from various tables, coding using **PL/SQL, Stored Procedures,** and **Packages**.
* Customized the Reports in Cross Tab Layout and Tabular Layout Formats.
* Designed and Developed scripts for uploading data from flat files and XML files into the database, performing business validations on the data using PL/SQL Procedures.
* Developed back-end interfaces using PL/SQL Stored Packages, Procedures, Functions, Collections and Triggers.
* Used **PL/SQL Tables** and **Records** in the payroll generation process.
* Developed Forms (like invoicing, Delivery orders) and Reports using Oracle Reports and PL/SQL.
* Involved in database development by creating PL/SQL Functions, Procedures, Packages, Cursors, Error Handling, and Views.
* Created various custom reports like Transaction Aging Report, Credit Card Transaction Report, Active Invoice Register Report, Account Balance Consolidation reports, and others using **Reports Builder 6i**.
* Coordinated with DBA in improving database performance.
* Written Test Plans and Involved in Unit testing.
* Used the **FTP commands** efficiently to migrate the files and logs that have been created successfully in proper directories on completion of the transfer process.

**Environment: Oracle Database 10g, Oracle Forms 10g, Oracle Reports 10g, Windows XP, UNIX, SQL Developer, XML, SQL, PLSQL, Oracle Forms and Reports 10g, Unix Scripting, Clear Case, Clear Quest, WINSCP, Putty.**