**MANOJ**

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**SUMMARY:**

Around 8 years of experience as PL/SQL Developer especially in Analysis, design, data Management, data transformation, application development, maintenance & Report generation with various domains like Banking and Financial services, Healthcare, pharmaceuticals , and Insurance markets.

* Around 4 years of experience in designing logical and physical data models using ERWIN.
* Around 3 years of experience on Teradata development and OLAP operation with Teradata database.
* Experience in writing UNIX shell scripts in order to automate and schedule tasks.
* Involved in entire Software Development Life Cycle (SDLC) from business analysis to final deployment and testing.
* Experience in using Oracle related tools like SQL \* Loader, Toad, SQL Navigator and SQL Developer.
* Knowledge of Principles of Data Warehouse using Fact Tables, Dimension Tables and Star/Snowflake schema modelling.
* Experience in Creating and Maintaining Database objects like Tables, Indexes, Views, Synonyms, Object types and Collections .
* Extensive experience with UNIX Shell scripting.
* Experience with Views, Materialized views, Cursors (Implicit and Explicit), Ref Cursors, and External tables, table partitioning, Index partitioning and nested loops.
* Extensive experience in writing SQL, Stored procedures, Functions, Packages, Database Triggers, Shell-Scripts and SQL Loader scripts.
* Working Experience in Data extraction, Transmission and Loading (ETL).
* Strong skills on Ab Initio graph programming, Parameter Definition Language (PDL) and Data Manipulation Language (DML).
* Experienced in Database Administrative duties like Grants, Loads, and Backup/Recovery & Performance.
* Experience with XML packages, XML parsing and loading into oracle.
* Knowledge of Principles of Data Warehouse using Fact Tables, Dimension Tables and Star/Snowflake schema modelling.
* Experience on system study, design, development, post implementation maintenance and support of Oracle EBS or any ERP.
* Strong Data Warehousing ETL experience of using Informatica 9.1/8.6.1/8.5/8.1/7.1 Power Center Client tools - Mapping Designer, Repository manager, Workflow Manager/Monitor and Server tools – Informatica Server, Repository Server manager.
* Good understanding of Data warehousing concepts, ETL Processes and Data modelling concepts such as Design of the Dataflow, ER Diagrams, Normalization and De-normalization of Tables.
* Extracted data from the databases (Oracle and SQL Server, DB2, FLAT FILES) using Informatica to load it into a single data warehouse repository.
* Extensive and Experience in Data Analysis and managing data warehouse and data marts.
* Strong technical expertise in UTL\_FILE, DBMS\_SQL, DBMS\_OUPUT, DBMS\_UTILITY, DBMS\_JOBS packages.
* Experience with DBA activities like creating users, granting and revoking privileges on database objects and taking backups.
* Extensively worked in Client-Server application development using Oracle 11g/10g/9i/8i Forms 9i/6i, Reports 10g/6i/6.0, SQL, PL/SQL, Oracle 9iDS, Oracle Import and Export Utilities.
* Designed and Developed asset tracking application using Oracle Application Express (APEX).
* Having experience developing custom applications using Oracle Application Express (APEX).
* Experience in performance tuning using Explain Plan and TKPROF.
* Oracle Application - E-Business Suite R12 and 11i.
* Experience in developing Oracle BI Repositories, Dashboards, Reports
* Strong in Oracle R12 Financials implementation in the areas of GL, AP, AR, PO, OM, and FA with Full Life Cycle implementation experience.
* Extensively Worked on Extraction, Transformation and Load (ETL) process using PL/SQL to populate the tables in OLTP and OLAP Data warehouse Environment.
* Improve the performance of the slow SQL queries by implementing proper Index, using FORALL and BULK COLLECT.
* Expertise in performing Data export, Import and various operations using TOAD.
* Experience in application development using various advanced features of Oracle like Collections, Bulk Collections, Table Functions, Autonomous Transactions, Dynamic SQL, Object types and Records.
* Extensive experience in data migration techniques using Oracle External Tables, SQL\* Loader, Import/Export, bulk and batch processing.
* Experience in providing End-to-End production support to Ab Initio and various ETL jobs.
* Efficient in creating Test cases and performed data validation and process testing for application moving into production.
* Excellent analytical skills, logical reasoning, interpersonal skills, problem solving skills and communication skills.

**Education**

Bachelors of Technology in computer Science and Engineering.

**Technical Skills:**

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| Databases | **Oracle 11g /10g/9i/8i/7.x,Ms Access, SQL Server 2005/2000, Teradata** |
| Languages | **SQL, PL/SQL, Shell Script, C++, Java, HTML** |
| Operating Systems | **Windows, UNIX, Linux, MAC OS** |
| Methodologies | **Data Modelling, Logical/Physical, Star/Snowflake Schema, FACT & Dimension Tables, ETL, OLTP/OLAP, Software Development Life Cycle (SDLC** |
| Tools | **Informatica 9x/8x,Ab Initio, DAC, ODI 12C/11G, ERP,EBS,APEX,OBI** |
| Database Development Tools | **SQL\*Loader, Oracle Designer, SQL Developer, TOAD, SQL Navigator, JDeveloper, Oracle Developer 2000, Forms 6i, Reports 6i** |
| Scripting Languages | **JavaScript, VBScript and UNIX & PERL shell script** |

**Professional Experience:**

**Johnson & Johnson-Bridgewater, NJ Sep’2015 –Till date**

**Role: Oracle PL/SQL Developer**

**Project Description:** Johnson & Johnson health and wellness is an organization providing solutions for health assessment, digital health coaching and energy management. Project aims to generating consumer analytics and reporting applications around health behaviors, disease statistics, productivity, and risk prevalence by building data warehouse called FUSION. It also generates Data Extracts contain data for incentive eligibility, claims analysis, clinical studies, and follow-up Digital Health Coaching programming - provided directly to third-party administrators. With the information present in the staging database, we need to create/populate tables which will have all the data in a logical manner so that it can be used by the portal team to display correct information to a customer who comes in to do a transaction.

**Environment: SQL, Oracle 10g/11g/11.2, TOAD, PL/SQL, SQL\* LOADER,XML, SSRS, WinSCP, Putty UNIX, Business Object INFORMATICA 9.1**

**Responsibilities:**

* Analyze the Business Requirements (BRD) and convert them into Technical Specification (Technical Design Document)
* 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.
* Coordinated with the front end design team to provide them with the necessary stored procedures and packages and the necessary insight into the data.
* Develop ETLs using PL/SQL in Oracle 10g & 11g to extract, transform and load data from OLTP into Warehouse.
* Part of Sales force P2P (Procure to Pay) Scrum team, works with cross-functional business partners to prioritize process improvement.
* Facilitates discussion of business process changes with various Procure to Pay flow team (AP, PO Business team)
* 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.
* Created Schema Using the XML schema.
* Building UNIX shell scripts for data migration and batch processing.
* Developed user interface Forms, Reports, PL/SQL Packages, Procedures, Functions and Database Triggers to meet the business requirements.
* Generated XML using the Procedures, Functions and Packages.
* Developed and customized existing reports as per client specific requirements using Oracle Reports Builder 11G.
* Used Oracle 11G/R2 and 6i reports designer to create new reports. I am also using these tools to update the existing reports.
* Used Oracle Forms 11G to create new forms and maintain the existing forms.
* Worked with SQL loader, Created control file scripts to dump the data in to the mapping tables and process the data accordingly.
* Involved in Database Performance Tuning using Oracle Hints, Explain plan, TKPROF, Partitioning and Indexes.
* Executing XML files in Putty using UNIX commands
* Tracking logs in Putty using UNIX.
* Involved in working with the ODI ETL tool.
* Designed and implemented client-server application using Oracle Forms Builder.
* Partitioned Tables using Range Partitioning, List Partitioning and created local indexes to increase the performance and to make the database objects more manageable.
* Involved in delivering high performance code using advance concepts like Bulk Collect, Collections, and Dynamic SQL.
* Created and modified several UNIX shell scripts according to the changing needs of the project and client requirements.
* Created multiple Unix shell scripts to import data into Oracle using the SQL\*Loader.
* Design, develop, implement, and assist and in validating ETL processes.
* Worked as a module lead and managed roles and responsibilities for testing, defect fixing, applying performance tuning methodologies and migrating ETL components to DIT (Development Independent Testing), SIT (System Independent/Integration Testing), UAT (User Acceptance Testing) and production environment.
* Involved in Tuning Database & Application performance using Explain Plan.   
  **Environment:** Oracle Database 11g/10g, Windows 7, UNIX, SQL Developer, XML, SQL, PLSQL, Unix Scripting, Perforce, SSRS, WinSCP, Putty.

**CVS - Richardson, Texas Feb’2015 – Sep’2015**

**Role: Oracle PL/SQL Developer**

**Project Description:** CVS Caremark provides claim data for all eligible members provided by the state of NY and TN. The data includes all Medicare, Med-D and commercial claims for CVS Caremark PBM clients who provide prescription benefits to any Medicaid registered/eligible member of New York. New extract process needs to be developed to provide member claims for all Medicaid Plan Participants of New York. I was working as part of the backend database team on Oracle 10g. Was involved in development and maintenance of the various database objects like packages, procedures etc.

**Environment: Oracle 10g/9i, TOAD, PL/SQL, SQL, TERADATA, CRYSTAL REPORTS, SQL\* LOADER, UNIX, INFORMATICA 8.6**

**Responsibilities:**

* Extensively worked on ETL code using PL/SQL in order to meet requirements for Extract, transformation and loading of data from source to target data structures.
* Created packages to implement the logic and provide backend support to a customer/claims application whose front end was written in JAVA. Implemented REF CURSORS to return record sets to the java application front end
* Utilized PLSQL tables and bulk collections to perform very quick loading of data. Used ROWID to write the queries to perform updates across the entire breadth of the data set
* Rewrote the entire PLSQL package which was being used to send daily load status updates to the testing team. The email formatting was not elegant and had a lot of misalignment. Used HTML tags in PLSQL to deliver a well-organized and readable email status update to the testing group.
* Actively involved in optimization and tuning of SQL queries through utilizing the explain plan to find out the problem area of the query.
* Extensively used SQL LOADER to load data into the target tables. Wrote control files based on the both positional mapping and for CSV or tilde separated values.
* Provided support for the reporting team which was using crystal reports on the database. Analysed and corrected the SQL queries to give the expected values.
* Wrote UNIX shell scripts to schedule time based loads for the Cron jobs.
* Implemented triggers that fired on detecting only updates that occurred on the column for logging purposes.
* Created complex VIEWS using joins and aggregate functions in order to support the reporting team and the BI team.
* Involved in the Performance tuning of complex SQL queries using EXPLAIN PLAN and TKPROF.

**State Street-Boston, MA June’2013–Jan’2015**

**Role: Oracle PL/SQL Developer**

**Project Description:** IDWH is a Data Warehousing system that caters to PBMA (Private Banking Management Accounting) Reporting. It has been implemented for 3 regional rollouts/streams. For each given region, it sources data from T24/Non-T24 source systems in form of Daily feed files which are loaded into IDWH ODS environments. The data present in ODS gets loaded into DW on a daily basis, through ETL processes. The DWH Enrichment happens on a monthly basis and the Data Mart is built on a Month end, which is used and exposed for PBMA Report generations. As IDWH is used as the single source for all local and global reporting, it has to be able to provide both local and global view on the data hold in IDWH. Therefore IDWH has to be able to store and represent local and (multiple application specific) global reference data sets in parallel.

**Environment: SQL, Oracle 10g/11g/11.2, TOAD, PL/SQL, SQL\* LOADER, UNIX,LINUX Business Object, INFORMATICA 9.1**

**Responsibilities:**

* Involved in development of an online banking application, which enables the bank's customers to access their various accounts through the Internet. The application also allowed the users to submit account related queries to the bank including, ordering checks, requesting copies of checks and statements, etc
* Responsible for Study, Analysis, Design, Development/Customization and Testing/Debugging of the application
* Modifying the queries to reduce the time for performance issues
* Involved in designing logical and physical data models using ERWIN
* Designed and developed master tables, views, sequences and synonyms
* Developed various Complex Queries, Views for Generating Reports
* Written Korn Shell Scripts, control files to load data into staging tables and DW tables
* Involved in Unit testing of PL/ SQL Stored Procedures, Functions and Packages
* Performed the uploading and downloading of flat files from UNIX server using FTP
* Improved the performance of the slow SQL queries by implementing indexes, using FORALL, BULK COLLECT and developed various procedures, functions and packages to implement the new business
* Developed complex SQL queries to perform the back end testing of the Oracle database using SQL and UNIX shell commands
* Designed snow-flake and star schema for ETL process.
* Resolving the Tickets and pulling the data from the Transactional database and Archive database for the reports.

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**Northshore LIJ,New Hyde Park NY Nov’2011 - May’2012**

**Role: Oracle PL/SQL Developer**

**Project Description:** This project was about efficient utilization of resources, facilities and personnel. The system was keeping track of employees and times spend in different hospitals across the different health quest hospitals. It helped to provide a better asset management, personnel management, resource management and time keeping.

**Environment: Oracle 10g/9i, SQL, PL/SQL, SQL\*Plus, SQL\* Loader,Erwin4.1.4 Windows 2000, INFORMATICA 8.6**

**Responsibilities:**

* Created Stored Procedures, Functions, and Triggers to maintain various business rules.
* Extensively worked towards optimizing the Queries to enhance the performance.
* Analysed Indexes on regular basis.
* Created and maintained Database Objects (Tables, Views, Indexes, Sequences, Database triggers, stored procedures).
* Developed SQL\* loader scripts to load data in the custom tables.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries for various reports.
* Involved in debugging and Tuning the PL/SQL code, tuning queries, optimization for the Oracle database.
* Developed and optimized of SQL queries using TOAD Explain Plan utilities.
* Tuned SQL queries and performed refinement of the database using tools like EXPLAIN PLAN and TKPROF to significantly improve the system response, time and efficiency.
* Run batch jobs for loading database tables from flat files using SQL\* Loader.
* Used Version Control tools like TFS for Source Control.
* Stored data in the audit log tables using the old and new column attributes.
* Performed debugging of the PL/SQL codes using the DBMS\_OUTPUT.
* Developed Materialized views and Ref Cursors for reporting purpose.
* Defined indexes on various tables to improve the performance of the queries for reporting purpose.
* AUTONOMOUS\_TRANSACTION PRAGMA is used in the framework procedures to log the status when error occurs.
* Worked closely with users and developers team to resolve issues in the developed reports.

**Hewlett-Packard - Bangalore, India Nov’2009 - Oct’2011**

**Role: Oracle PL/SQL Developer**

**Project Description**: Bank of Baroda (here after referred to as the Bank or BOB), is embarking on a significant business transformation by aiming to enhance efficiency, productivity and competitiveness by adopting the latest business processes and technology and towards this end, is implementing its Technology-Enabled Business and IT Strategy Project. As a part of the transformation process, the Bank requires a powerful and comprehensive executive information system which will enable decision support and performance/profitability evaluation across multiple dimensions. The above requires implementation of an enterprise wide Data Warehouse with a proven data model which can consolidate data across the Bank for strategic & tactical decision making and also implementation of advanced analytical engines that enable micro level CUSTOMER and account and aggregate analysis.

**Environment: SQL, Oracle 10g/9i, TOAD, PL/SQL, SQL\* LOADER, UNIX, Business Objects, INFORMATICA 8.1.**

**Responsibilities:**

* Reviewed the Business/ Functional/ System Requirement Specs, High Level Design Documents, and Detailed Design Documents.
* Worked with Business Analysts and Business Users team to understand the requirements and translate the requirement into technical specifications.
* Developed various modules using Stored Procedures, Functions, Packages, Triggers, Tables, synonyms, Materialized Views, sequences, indexes which is compatible with the .NET Application
* 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 Database using DB links and external tables from CSV files
* Control-M job scheduling, created jobs for Control-M 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 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, BULK COLLECT and developed various procedures, functions and packages to implement the new business
* Created database triggers for audit and data validation.

**Bharat Heavy Electricals Ltd. (BHEL), India Jun’2008 - Oct’2009**

**Oracle PL/SQL Developer**

**Description:** BHEL is a Heavy Electricals (India) Limited was merged with BHEL in it entered into power equipments, to reduce its dependence on the power sector. It developed the capability to produce a variety of electrical, electronic and mechanical equipments for all sectors, including transmission, transportation, oil and gas and other allied industries, it was converted into a public limited company.

**Environment: Oracle 9i, Oracle Forms 6i, Reports 6i, SQL Loader, UNIX,Toad, SQL\*LOADER**

**Responsibilities:**

* Analyzed the Business requirements of the project by studying the Business Requirement Specification document.
* Prepared program specifications for PL/SQL Procedures and Functions to do the data migration and conversion.
* Worked with wide range of data types, tables, index types and scoped variables.
* Creation of database objects like Tables, Views, Packages using Oracle tools like PL/SQL, SQL\* Plus, SQL\*Loader.
* Designed the front end interface for the users, using Forms 6i
* Involved in database development by creating Oracle PL/SQL Functions, Procedures, Triggers, Packages and Records.
* Run batch jobs for loading database tables from Flat Files using SQL\*Loader.
* Developed necessary reports using Reports 6i.
* Created number of database Triggers using PL/SQL.
* Implemented project at client place.