

BIMAL DOSHI

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PROFESSIONAL SUMMARY

With over 30 years in the software industry and a recent focus on data science and analytics in the pharmaceutical sector, I am an experienced professional with a wide array of expertise. I specialize in the full Project Development Life Cycle, including creating clinical data models, transforming data and managing clinical data from external vendors.

I'm well-versed in clinical data standards like SDTM, capable of handling large data volumes, and adept at using ETL processes across diverse sectors. My proficiency is in Oracle SQL/PL SQL, SAS on Windows/UNIX platform, combined with my excellent communication skills and team-oriented mindset ensures high-quality results.

PROFESSIONAL EXPERIENCE

SYNEOS HEALTH

REMOTE

Principal Biometrics Data Engineer - MRS Team, Remote

Nov. 2022 – Present

- Involved in the creation of lower data models as part of the MRS team, including loading metadata for target data models and mapping source to target data models.
- Developed transformations on an Oracle DMW platform to create a medical review model of clinical data for review and analysis by the Medical Review Team.
- Conducted validation of transformations against MRM specifications and performed data checks based on the applied transformations.
- Created patient subsets, crosstabs, summaries, and listings for various data models (e.g., Demography, Dispositions, Vital Signs, Lab, ECG, Study Visits, Adverse Effects) using Jreview reporting tool.
- Validated Jreview reports created by team members against report specifications.
- Assisted in the validation of patient profiles and the verification of SDTMp specifications vs MRM specifications.
- Created MRM specs for studies using SDTMp specs.
- Provided support for studies on LSH platform and implemented application modification requests as needed using Oracle SQL and PL/SQL.

Principal Biometrics Data Engineer - CDEM Team, Remote

Dec. 2017 – Nov. 2022

- Provided clinical study-level technical programming support as Principal Biometrics Data Engineer, ensuring consistency and quality within and across clinical studies.
- Reviewed and updated technical data transfer specifications for loading data into the LSH database.
- Managed external data load, data conformance checks, and data reconciliation activities, including implementation of data transformation mappings.
- Developed transformation programming and created consumer views for data review, assisting the Study Data Manager in identifying and reporting data discrepancies to the data vendor.
- Utilized PL/SQL and SQL on Oracle LSH platform with SQL Developer to develop procedures and queries for data reconciliation.
- Developed SAS programs to create SAS datasets prior to manual data loading into LSH using Loadsets.
- Understood protocol and compound requirements, translating them into technical data transfer specifications.

PRUDENTIAL

NEWARK, NJ

Senior Oracle PL/SQL Developer

Nov. 2015 – Nov. 2017

- Served as Senior Oracle PL/SQL and SQL Developer, developing packages, procedures, and views for ETL processes and post-valuation processing of policy data for the Liability warehouse.
- Conducted currency translation from issued to functional currency, and vice versa, and executed the calculation of deferred acquisition cost and roll-forward adjustment.
- Generated complex views using PolicyLink data for reporting purposes, utilizing advanced Oracle features such as Native Dynamic SQL, With Clause, UNPIVOT, LISTAGG function, CTAS, and Exchange Partition.
- Tracked the progression of procedures by logging data into log tables using the Autonomous Transaction feature.
- Assumed project ownership, functioned as the lead, and worked closely with the business group to comprehend their requirements and provide necessary recommendations.
- Developed applications using Oracle 12C PL/SQL and SQL in a Windows environment, employing SQL Developer as the development tool.

VISITING NURSE SERVICE OF NEW YORK

NEW YORK, NY

Senior Oracle PL/SQL & SAS Developer

Jul. 2013 – Oct. 2015

- Developed package to download hundreds of tables from SQL Server database over DB Link into Oracle database, incorporating restart-ability feature in the event of a failure.

- Contributed to the MARS actuarial project, developing and modifying SAS programs to load data from numerous external sources.
- Developed numerous ETL processes using a combination of Oracle, PL/SQL, SQL, and SAS programs for data from various vendors.
- Assumed project ownership and lead role, addressing data issues with the business, understanding requirements, and providing recommendations.
- Conducted development using Oracle 11G PL/SQL and SQL and SAS ver 9.2.

EDUCATION TESTING SERVICES

Senior Oracle PL/SQL & SAS Developer

PRINCETON, NJ

Oct. 2012 – Jul. 2013

- Modified and developed DDL and SQL scripts to support annual Rollover of table partitions to history and archive tables.
- Converted COBOL programs to ORACLE PL/SQL and SQL code to enhance data load speed.
- Improved query performance using features like WITH clause and INLINE hint.
- Studied the flow of the existing Autosys jobs and Linux shell scripts developed for the ETL process.
- Performed development and modifications using SQL and PL/SQL in Oracle 10G using Toad in Linux environment.

BROWN BROTHERS HARRIMAN

Senior Oracle PL/SQL & SAS Developer

JERSEY CITY, NJ

Sep. 2010 – Aug. 2012

- Developed packages, procedures, functions to load data from the operational data store to Oracle Database for the Fund Accounting System.
- Developed views and tuned queries to generate reports, created utility SQL scripts for system monitoring and code replication across development, test, and QA regions.
- Modified Unix scripts per requirements and provided production support, monitoring the delivery of daily or monthly files after the fund audit closes.
- Troubleshoot issues promptly, manually regenerated files per client requests, and executed Unix script to stop and restart stalled queues.
- Completed development and enhancements using Oracle 10g SQL and PL/SQL using TOAD in SunOS 5.10 environment.

BLOOMBERG

Senior Oracle 10G PL/SQL Database Developer

SKILLMAN, NJ

Mar. 2010 – Aug. 2010

- Developed Alert Monitoring System and SU Munis Project, creating alerts for unattended problem tickets and loading municipal securities data into Oracle Database from XML documents.
- Developed objects like tables, indexes, sequences, procedures, and functions using SQL Developer and Oracle PL/SQL 10G.
- Used BULK COLLECT operation and DYNAMIC SQL for enhanced flexibility and efficiency.
- Successfully completed development task ahead of schedule in a Unix environment, coordinating with Java and C++ teams.

REAL NETWORKS

Senior Oracle 10G PL/SQL Database Developer

NEW YORK, NY

Jan. 2009 – Feb. 2010

- Developed and tested ETL process for Telcel Reporting Project, monitoring SMS messages transmission between carriers.
- Utilized CTAS for efficient data loading, handling about 100 million Activity Records per hour.
- Developed stored procedures, functions, and SQL scripts, enhancing performance with bitmapped indices, local indices on sub partitions, and statistics gathering scripts.
- Utilized query execution plans, index hints, full table scans hints, and APPEND NOLOGGING hint to optimize processes.
- Generated test data using anonymous block, nested tables, FORALL bulk insert statement, and DBMS_RANDOM.VALUE function.

JOHNSON & JOHNSON

Analysis & Design Specialist

MORRIS PLAINS, NJ

Feb. 2008 – Dec. 2008

- Provided comprehensive dimension load for an in-house data warehouse, manipulating and converting data from SAP sales module into the ODS Datamart.
- Met ad-hoc client requirements, analyzed loaded data, researched discrepancies, and ensured data integrity.
- Developed Oracle 10g PL/SQL packages, stored procedures, functions, and SQL scripts for dimension load.
- Modified existing Unix shell scripts to invoke appropriate packages for various dimension loads.
- Used SUM and CASE functions to generate reports on discrepancies.

CITI GROUP*Senior PL/SQL Developer***LONG ISLAND, NY***Feb. 2007 – Jan. 2008*

- Led all aspects of demographic extract and reporting for the Strategy and Analytics group involving large volumes of data.
- Generated analytical reports based on client requirements, working from initial requirement gathering to PL/SQL code development.
- Developed Oracle 9i PL/SQL, stored procedures, functions, and SQL scripts for efficient data extraction.
- Bundled all procedures and functions into a single package to streamline module execution.
- Utilized SUM and CASE functions to generate household level account balances and volume statistics for analytical study.
- Embedded SQL within SAS programs for generating summary reports.

SKILLS**LANGUAGES:** ORACLE PL/SQL, SQL*PLUS, SAS (v9.2, v9.1, v8.2), Shell Scripting (KSH), ABAP/4, COBOL, LINCII, BASIC**DATABASE MANAGEMENT SYSTEMS (RDBMS):** ORACLE (12C, 11G, 10G, 9i, 8, 7.3.2)**CLINICAL DATA PLATFORMS:** Oracle LSH, Oracle DMW**ERP SYSTEMS:** SAP R/3.1H, SAP R/3 4.0 GUI**OPERATION SYSTEMS:** UNIX, OPEN-VMS, VAX-VMS, Windows (NT, 2000, XP), OS/2 for MAINFRAME**SOFTWARE PACKAGES:** Oracle Enterprise Manager, Oracle Report Builder 6.0, TOAD, SQL Developer**REPORTING TOOLS:** Jreview, Business Objects**HARDWARE:** AIX, HP-UX, Sun Solaris, VAX, UNISYS A-Series, IBM-PC compatible, MAINFRAME**WORK HISTORY [1988-2007]****BUNGE GLOBAL MANAGEMENT***Trade Structure Finance --Senior Oracle SQL, PL/SQL Developer***WHITE PLAINS, NJ***Nov. 2005 – Feb. 2007***CITI GROUP***Thank You Reward/Strategy Tagging -- Senior Oracle SQL, PL/SQL and SAS Developer***LONG ISLAND CITY, NY***Jun. 2005 – Nov. 2005***JP MORGAN CHASE***Campaign Management System --Senior Oracle SQL, PL/SQL and SAS Developer***NEW YORK, NY***Dec. 1999 – Apr. 2005***LOCKHEED MARTIN***Time Card Entry System -- Senior SQL, PL/SQL Developer***CHERRY HILL, NJ***Jul. 1999 – Dec. 1999***BASF CORP.***Transport Scheduling System – Senior LINC II, Oracle SQL/Pl/SQL Developer***MOUNT OLIVE, NJ***May. 1994 – Jun. 1999***HOME SAVINGS BANK***Conversion Project – Senior COBOL Programmer***HOLLYWOOD, FL***Jan. 1994 – Apr. 1994***INTERNATIONAL MONETARY FUND***Treasury Assistance System – Senior COBOL Programmer***WASHINGTON D.C***Apr. 1992 – Jan. 1994***DEPARTMENT OF SOCIAL WELFARE***Social Welfare Information for Tomorrow Today – Unisys LINC II, COBOL Programmer***NEW ZEALAND***Sep. 1990 – Sep. 1991***UNISYS CORP. WORLD HQ***Commission of Accounting Systems – LINC II Programmer***DETROIT, MI***Jan. 1990 – Jun. 1990***WEST CHESTER COUNTY MUNICIPAL COURT***Court Management Systems – COBOL Programmer***WEST CHESTER, PA***Jan. 1989 – Sep. 1989***SHARE BROKERS***Share Accounting System – COBOL Programmer***MUMBAI, INDIA***Jan. 1988 – Dec. 1988***EDUCATION & CERTIFICATIONS****ORACLE DATA MANAGEMENT WORKBENCH 3.1 STUDY BUILDER WORKSHOP****2022****ORACLE LSH TRAINING, BAYER, WHIPPANY, NJ****2017****JAVA PROGRAMMING, BITS INSTITUTE BOMBAY****2001****SAP R/3 3.1H, ABAP/4, SAP SCRIPT CHAVVA INFOTECH****1999****DATA MODELING AND RELATIONAL DATABASE DESIGN, ORACLE CORPORATION****1998****POWER BUILDER 5.0, TIFFANY COMPUTER SYSTEMS****1997****DIPLOMA IN BUSINESS MANAGEMENT, INDIAN MERCHANTS CHAMBERS, BOMBAY, INDIA****1985****DIPLOMA IN COMPUTER SCIENCE, SARDAR PATEL UNIVERSITY, VALLABH VIDYANAGAR, INDIA****1981****B.S. PHYSICS, SARDAR PATEL UNIVERSITY, VALLABH VIDYANAGAR, INDIA****1980**