**Sharma**

**Sr. OBIEE/ODI Developer**

**Having 5 years of experience in OBIEE and 2.6 years experience in ODI**

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**Summary**

 **Over 7+years of experience** in IT industry with emphasis on Data warehouse development, reporting using Siebel Analytics/Oracle BI (OBIEE), Dimensional modeling across Banking, Retail, Financial, Pharmaceutical and HealthCare Industries.

 **5+ years of experience in OBIEE 10g and 1+ years of experience in OBIEE 11g.**

 3+ years of extensive DW experience using **Oracle Data Integrator**, Configured and setup ODI, Master Repository, Work Repository, Projects, Models, Sources, Targets, Packages, Knowledge Modules, Interfaces, Scenarios, Filters, Condition, Metadata.

 2 years of Data Modeling experience using Dimensional Data modeling, Star Join Schema modeling, Snow-Flake

 Strong understanding of Data Warehouse concepts **ETL, OLAP, Star Schema, Data Modeling using Normalization, Business Process Analysis, Dimensional Data Modeling, FACT & Dimensions tables, Physical & Logical Data Modeling , Aggregate persistence wizard.**

 Experienced in configuring OBIEE Reports & Dashboards, OBIEE Delivers, Narrative views, advance Reports**.**

 Worked as **Data Analyst and Report Developer for five years**.

 Experience in **upgrading custom repositories and migrating reports from OBIEE 10g to 11g**.

 Experience in working on **OBIEE 11g web logic server for 1+ year**.

 Experience working with new features Key performance indicators (KPI) like KPI watch lists, KPI Scorecards in OBIEE 11g.

 modeling experience using Normalization, Fact and Dimensions Tables, Physical **and Logical Data Modeling**

 Extensive experience in **OBIEE Answers, Dashboards, Delivers, iBots** with **OBIEE** stand-alone/integrated implementation, Catalog Manager.

 Strong expertise in BI reporting, sourcing data from multiple data sources like **EBS, Oracle R12/11g**, **SQL Server 2005 and several flat files**.

 Proficient in using the **time-series functions** to support historical time comparison analysis and creating requests, adding filters, creating prompts, and creating pivot tables using OBI

 Specialized in developing stored procedures, functions, packages and database triggers using Oracle SQL and PL/SQL to improve query performance.

 Experienced in **Data Modeling,** identification of Facts and Dimensions, Creation of schemas (Star), Hierarchies, Documentation of Report and Dashboard Layouts, End User Demo/Documentation for Business/Report Users.

 Experienced in configuring the security settings in **OBIEE Administration Tool** to set up Groups, Access Privileges and Query Privileges using LDAP and external database authentication.

 Strong experience on working hierarchies, complex and foreign key joins, initialization block, presentation/repository/session variables, aggregate tables, partitions and fragmentations.

 Implemented different Caching techniques to improve the performance of BI server.

 Extensive experience in developing Interactive Dashboards with drill-down capabilities, Security Implementation

(Creating groups, grant access privileges, data level and report level), Metadata and Web Catalog Objects (pages, folders and reports) and scheduling reports using BI Delivers.

 Solid understanding of **Ralph Kimball approach** and experience in **Dimensional data modeling**, **Star schema modeling**, **Snow-Flake modeling**, identification of fact and dimension tables, Normalization, **Physical and Logical data modeling.**

 Established and maintained productive working relationship with Management, Clients and Team Members. Self-starter, entrepreneurial, highly motivated team- player with excellent communication / problem-solving skills. Quick learning ability vis-à-vis new technology. Easy adaptability to new environments.

**Education**

**Bachelors in Computer Science**

Jawaharlal Technological University, Hyderabad, India

**Technical Skills**

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| **Reporting tools** | OBIEE 11g/10g/9i, Siebel Analytics 7.8.x/7.7.x/7.5.x |
| **Data Modeling** | Star Schema, Snow Flake Schema |
| **Database** | Oracle10g/9i/8i, SQL Server, MS Access. |
| **Languages** | SQL, PL SQL, Java, C, C++, SQL, JavaScript, Shell |
| **Operating System** | Windows 95/98/2000/XP, Windows NT, UNIX. |
| **Database Tool** | TOAD, SQL Plus 10.x/ 9.x/ 8.x. |

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| **ETL Tool** | ODI 10g, 11g |

**Experience**

**Eli Lilly, Delaware St, IN (January 2012 – Till Date)**

**Sr. OBIEE/OLAP Developer**

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**Eli Lilly** is a market leader in the production of pharmaceutical drugs. OBIEE is used in project US One-Lilly for Reporting and is focused on Medical, and Sales reporting capabilities. The main aim of this project is to upgrade the Business Intelligence reporting platform from OBIEE 10g to OBIEE 10g and also to upgrade the Oracle database from 10g to 11g in order to provide better reporting platform and performance for the end users.

**Responsibilities**:

 Worked extensively on medical liaison reports based on interactions, standing requests and fulfillments.

 Created OLAP Metric reports which display information related **to monthly, YTD and quarterly interactions**.

 Created Time Series measures **Year ago, Month Ago, Year-to-date measures using AGO and To Date functions**.

 Built views using bar graph, line graph and chart, to use in metrics reports.

 Gathered requirements for GAP Analysis, translated them into technical design documents and worked in making recommendations to close the GAP.

 Worked on extracting source data from Oracle EBS loading data to Data Warehouse (OLAP) system.

 Used BI Publisher to build template and develop reports.

 Worked on **OBIEE 11g WEBLOGIC**.

 Performed **Migration from OBIEE 10g to OBIEE 11g** as per client requirement.

 Worked with onshore and offshore team of 5 developers and led the team in the direction of development.

 Improved performance by analyzing the system generated queries for the reports, to minimize the run time.

 Developed iBots for delivering reports through email to the MLs, Reps, Territory Managers and Supervisors

 Managed security using LDAP server, Database and NQS Authentication types. Performed data and Object level security.

 Built Reports Such as Pie, List, crosstab, funnel, chart, Bar graph as per client requirement.

 Performed Dimensional Modeling and Designed Star schema for fact & dimensional tables and created alias for the dimension, fact tables, views and materialized views.

 Configured **nqsconfig.ini** to administer security and cache.

 Used **Oracle BI Office Add-In in both Microsoft Excel and Microsoft Power Point** for reporting.

 Configured **instanceconfig.xml** to administer dashboard and answers configuration changes.

 Worked with OBIEE Answers, Intelligence Dashboards. Demonstrated knowledge in dealing with various functionalities like prompts, views, aggregates, global filters, scheduling, guided navigation, customization, conditional formatting of reports to satisfy the end users. Managed dashboard and request security/privileges in the analytics catalog manager.

 Provided content filtering at BMM layer of RPD and used complex joins on logical data source (LTS) to join tables in BMM layer.

 Performed Unit testing and load testing for both the RPD and web catalog.

 Implemented Multi User Development Environment (MUDE) for concurrent rpd development

 Effectively managed migration of presentation catalog changes across environments through catalog manager.

 Maintained Referential integrity, Dimensional hierarchy and Aggregations at the Metadata level Created Repositories using Physical Layer, Business Model and Mapping Layer and Presentation Layer.

 Extensively worked on global filters for use in exercising dashboard wide control over requests that are embedded into a dashboard page.

 Created complex reports by using Set operations and direct database request.

 Developed dimensional hierarchies based on the business requirement of an attribute.

 Assigned security for dashboards/Answers users based on Individual responsibilities and LDAP Authentication type.

**Environment:** OBIEE 10.1.3.x/11.1.1.x, BI Publisher and Answers, ETL Informatica Power center 8.6/7.1/6.2/5.1, Oracle 11g/10g, 9/8i, OLAP, Toad, UNIX.

**Columbus Life Insurance Company, Cleveland, OH (May 2010 – December 2011)**

**Sr. OBIEE/ODI Developer**

Columbus Life is a highly-rated life insurance company providing personal life, retirement planning solutions through a nationwide network of independent representatives. The project involved Performing ELT process and creates business intelligence solutions for the various work streams (Sales, finance) by comparing and contrasting data from various sources and then consolidating them at the report/dashboard level.

**Responsibilities:**

 Gathered requirements for GAP Analysis, translated them into technical design documents and worked in making recommendations to close the GAP.

 Experience in Preparing Design Specification documents based on functional requirements and involved in the preparation of Technical Design Documents.

 Worked on extracting Source data from OLTP flat files, MDB files and loading data to Data Warehouse (OLAP) system.

 Defined the Primary, Foreign keys and created Simple and Complex joins between various Dimension and Fact Tables in RPD for the new dimension and Fact tables.

 Built the Physical Layer, Business Model and Mapping Layer/ Presentation Layer of a Repository by using Star and Snowflake Schemas.

 Gathered requirements and design of Data warehouse and Data mart entities.

 Developed various ODI interfaces to load data from Flat file & Relational Sources to Oracle DataMart.

 Topology Manager is used to create database connection, physical and logical schema in order to achieve the whole infrastructure

 Used ODI Designer for importing tables from database, reverse engineering, to develop projects, and release scenarios

 Customized Knowledge modules LKM, RKM, IKM and JKM

 Implemented Synchronous and Asynchronous Change Data Capture (CDC) techniques.

 Used Knowledge modules to achieve client requirements such as connecting to specific technology, extracting data from it, transforming the data, checking it, integrating it, etc

 Used Range, List, Hash and Range-List partitioning method.

 Used ODI Operator to monitor sessions.

 Security Manager is used to manage user privileges.

 Developed complex Interfaces and packages using ODI tool.

 Analysis and designing of Interfaces pipelines in ODI.

 Analyzed the Business requirement for Oracle Data Integrator and mapped the architecture and used ODI for reverse engineering to retrieve metadata from data storage and load it to the repository.

 Used Topology Manager to schedule scenario-using Agent.

 Configured OBIEE iBots to deliver Analytics content based on schedule and automated IBot queries to obtain daily and weekly reports and Segments.

 Developed Ad-hoc and standard Reports/Dashboards with different Analytics Views (Drill-Down, Cascading Style Sheets, Pivot Table, Chart, Column Selector and Tabular with prompts, global and local Filters), contextual navigation, business rules with user identity and roles within the OBIEE.

 BMM layer is developed using functionalities like Aggregates, Hierarchies, Calculation Wizard and Time Series.

 Various Initialization Blocks and Variables are created based on the necessity.

 Created different kind of YTD and Quarterly reports based on client requirement.

 Experience in migrating the repository and web catalog from development to production environment.

 Identified granularity level of the data required to be available for analysis.

 Designed and Configured Interactive Dashboards in Analytics for different groups of users which include like Managers, functional heads, Department Heads.

 Used Filters (Global) and provided customized prompts to avoid excessive data showing up in the reports.

 Used TOAD for Oracle and SQL Navigator to connect to databases in Oracle.

 Worked on BI Publisher importing data from multiple data sources and delivered Reports, common dashboards, metadata, security, calculation, caching, and intelligent request generation services.

 Used OBIEE Add-Ins to insert, deploy, and analyze Reports in Excel and PowerPoint and also OBIEE Objects such as table views and chart views (BI Publisher).

**Environment:** OBIEE 10.1.3.x/11.1.1.x, BI Publisher and Answers, ETL Informatica Power center 8.6/7.1/6.2/5.1, Oracle 11g/10g, 9/8i, OLAP, Toad, UNIX.

**Sempra Energy, CA                                                                           (November 2007 - April 2010)**

**Sr. OBIEE/ODI Developer**

The Customer Care and Billing Data Warehouse (CCBDW) project provides Customer Billings, Collections and Service Requests Analytics solution to Sempra personal to enhance decision making process with respective to revenue and service management.

**Responsibilities**:

 Worked on OBIEE Administration Tool to customize and modify the metadata according to the requirements at all the three layers of metadata repository (.rpd).

 Imported Source Data from multiple databases & files, and maintained the connection pools.

 Worked Extensively on BI Answers to create the reports as per the business requirements, Configured Intelligence Dashboards by adding embedded content such as links/images, HTML objects and folders.

 Developing OBIEE Repository (.rpd) at three layers - Physical Layer, Business Model &

 Presentation Layer, Time Series Objects, Interactive Dashboards with drill-down capabilities.

 Performed in building reports, dashboards, and bookmark navigation.

 Involved in identifying and defining business and technical requirements.

 Created new repository, customized existing metadata Repository (.rpd)

 Designed and developed Physical Data Layer, Business Model & Mapping and Presentation Layer using BI Administration Tool.

 Granted privileges to the ODI users.

 Administer and Monitor the logs.

 Purged the logs in the operator.

 Built audit reports using ODI Metadata.

 Monitored the sessions using ODI Console.

 Configured and setup ODI, master repository, work repository, Project, Models, sources, targets, packages, Knowledge Modules, Interfaces, Scenarios, filters, condition, metadata.

 Responsible for Metadata Administration and managed models and reverse engineering.

 Responsible for Topology Administration and performed actions through the topology manager module.

 Used different Knowledge Modules (KM) to load and transform the data from different data sources.

 Designed Physical relationship diagrams using Fact and Dimensional tables.

 Developed Dimensions and Time Series objects in the Business Model and Mapping Layer.

 Configured measures in the Logical Layer and mapped to multiple Physical source tables

 Developed reports using BI Dashboard and Answers, views & charts, created filters to obtain weekly sales for each region & send alerts to upper management by using IBots

 Configured IBots to deliver Analytics content based on schedule, automated IBot queries to obtain weekly reports, delivery of reports through email, hand-held devices and mobile phones.

 Involved in Data and Dimensional modeling creating Facts, Dimensions and Measures

 Involved in setting up IBots to run reports at scheduled time for Cache Seeding to Improve Query Performance using Caching

 Designed Interactive Dashboards and created dashboard prompts with multiple selections

 Involved in Repository Configuration, Troubleshooting, Migration and Server Administration of DEV, QA and PROD environment

 Creating new measures as well as modifying the existing measures at RPD levels.

 Involved in creating dimensional hierarchies to support drill downs.

 Developed the Oracle BIEE Metadata repository (.rpd) model with for Sales & Marketing subject areas that involved creating Physical, BMM layers with aggregates, dimensions, hierarchies & time series functions, Presentation layer with catalogs & folders using Oracle BI Administration tool

 Identified the aggregate levels for measures and created dimension hierarchy sources for each level of aggregates for performance enhancement

 Customized and developed repository configured metadata objects (Subject Area Table Column) and Web Catalog Objects (Dashboard Pages Folders Reports).

 Developing the Facts Dimensions necessary hierarchies and the joins between the logical tables adding aggregates in the BMM layer of OBIEE Repository.

 Design & Customize OBIEE Answers Views & charts Create & save Filters Create Charts & Tables Bins in OBIEE Answers.

 Created Dashboard prompts global filters and combined similar requests in OBIEE Answers

**Environment**: OBIEE 10.1.3.x, BI Publisher, Oracle 10g, SQL\*Loader, PL/SQL, TOAD, UNIX

**Leprino Foods Company, Denver, CO (September 2006 – October 2007)**

**Siebel Analytics Developer**

Leprino Foods Companyworld leader in quality food products and the largest U.S. exporter of whey products.  No one has invested more in dairy manufacturing facilities than Leprino Foods over the past 10 years. Leprino Foods has some of the largest, most modern and technologically advanced plants in the world.

**Responsibilities**:

 Gathered new Business Requirements from the users, studied and analyzed the requirements in order to create a Warehouse Repository to store the requirement Metadata. Analysis, Requirements gathering, function/technical specification, development, deploying and testing.

 Involved in Creating and Administering the Physical Layer, Business Model & Mapping Layer and Presentation Layer in a Siebel Analytics repository.

 Created connection pools, physical tables, defined joins and implemented authorizations in the physical layer of the repository.

 Configured and Created repository using Siebel Analytic Admin tool.

 Developed custom reports/Ad-hoc queries using Seibel Answers and assigned them to application specific dashboards.

 Developed different kinds of Reports (pivots, charts, tabular) using global and local Filters.

 Created proactive agents IBots and interactive Dashboards to alert the Marketing team about business changes.

 Managed day-to-day .rpd, Scheduler & IBots.

 Managed security privileges for each subject area and dashboards according to user requirements.

 Created groups in the repository and added users to the groups and granted privileges explicitly and through group inheritance.

 Handled Full load and refresh load via staging tables in the ETL Layer.

 Involved in Design and Data Modeling using Star schema.

 Logical & Physical Database Layout Design using Erwin

 Designed & assisted Informatica ETL developer to create new Aggregate.

 Created Informatica mappings for initial load and daily updates.

 Developed several mappings to load data from multiple sources to data warehouse.

 Developed, tested Store procedures, Functions and packages in PL/SQL for Data ETL

 Performed Data conversions.

**Environment**: Siebel Analytics 7.7.x, SQL server, SQL, SQL\*Plus, TOAD, Windows.

**SASKEN Technologies, India (April 2005- September 2006)**

**ORACLE PL/SQL Developer**

Sasken is an embedded communications Solutions Company, that helps businesses across the communications value chain accelerate product development life cycles. Sasken offers a unique combination of research and development consultancy, wireless software products and software services, and works with Network OEMs, Semiconductor Vendors, Terminal Device OEMs and Operators across the world. Global Fortune 500 and Tier 1 companies in these segments are part of Sasken's customer profile.

**Responsibilities**:

 Designed, created and documented multiple interfaces of using the Informatica Power Center. Gathered user requirements and created the business requirements documents.

 Documented the technical specification for the reports and tested the generated reports.

 Created and managed Database.

 Used the technical document to design tables.

 Generated SQL and PL/SQL scripts to install create and drop database objects including: tables, views, primary keys, indexes, constraints, packages, sequences, grants and synonyms.

 Created Database triggers to maintain the database security.

 Created stored procedures and functions to be called by the application.

 Created Packages to be called by Visual Basic modules

 Created trading reports using Crystal Reports.

 Optimized the SQL queries for improved performance.

 Used SQL loader to import data from large flat files and Excel sheets to Oracle tables.

 Prepared test plans for various modules.

 Prepared user manual and technical support manuals.

 Entered static data into the application.

 Extensively worked in the Performance Tuning of the ETL Procedures and Processes.

 Created and used views to simplify the Mappings and make them easier to maintain.

 Data receives regularly in different formats from different sources. Worked with common format interface to load raw data from different formats/sources into common format interface tables.

 Developed stored procedures to validate Customer, Premium details, Personal details, Policy and Payment details common format interface tables.

**Environment:** Informatica Power Mart 6.1, Oracle 9i, SQL\*plus, PL/SQL, SQL\*Loader, TOAD, Windows NT/XP, UNIX.