

Chirag Nangawat

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Professional Summary:

- 6.4 years of experience in design and development of Oracle Business Intelligence Applications which includes OBIEE 11g/12c, Oracle Data Integrator 11g/12c, Informatica 10.4 & DAC 11g).
- Experience in Analysis, Design, and Development including Implementation of Business Intelligence BI solutions using OBI Application.
- Expertise in OBIEE11g/12c, which includes building and configuring repository, creating and managing Dashboards, Answers, delivers and RPD Administration.
- Extensive experience on Oracle Data Integrator ODI Development and Administration.
- Exclusively worked on OBIEE Administration Physical, Business Model Mapping, and Presentation Layers, Answers, Dashboards, Catalog Manager.
- Experience in implementing Security, Using EM, Weblogic Admin and Oracle Stack Architecture.
- Experience in Dimensional Modeling such as star schema, snow flake schema, creating Facts, Dimensions and Measures.
- Having good experience on Oracle Data Integrator Designer ODI to develop processes for extracting, cleansing, transforming, integrating, and loading data into data warehouse.
- Extensive experience in developing the load plans, packages and job scheduling.
- Worked on Bulk data loading on Oracle EBS environments and involved to resolve the production issues.
- Worked on slowly changing dimensions SCD, Change data capture CDC as part of data warehousing concepts.
- Experience in OBIE Administration, configuring MUDE, OBIEE Schedule, usage tracking. Repository Sever and Presentation Server configuration changes, Cache management, space management.
- Strong SQL, PL/SQL ETL/ELT knowledge. Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL to move the changed data across multiple environments using DB links.

Work Profile:

- Currently working as Senior Data Engineer in Larsen & Toubro InfoTech, Pune.
From 4th May 2018 to till date.
- Worked as Oracle BI Consultant in Evolutionary System Pvt Ltd, Ahmedabad
From Dec 2014 to April 2018.

Technical Skills:

- **BI Reporting Tools:** Oracle Business Intelligence Enterprise 11g/12c
- **ETL Tools:** ODI 11g/12c and Informatica Power Center 8.1/ 8.6, 9.x & 10.4.
- **ETL Scheduling:** Data warehouse Admin Console 10g, 11g.
- **Database:** Oracle 10g, 11g & Oracle Autonomous Database
- **OBIA Domains:** Finance, Manufacturing & Healthcare
- **OBIA Analytics:** Finance, CRM, Supply chain, EAM, Procurement and Spend & HR Analytics.
- **O/S:** Windows, Unix, Linux

Experience Summary:

Project: Portland General Electric OUA Enhancement & Implementation (Portland US)

Position: Sr. OBIEE Developer

Environment: OBIEE 12c, Oracle Data Integrator 12c, OUA- CCB & MDM & Linux Server

Duration: 4th May 2020 to Present

Client has implemented Oracle Utilities Analytics application at organization level to use analytics report which will help in driving business decision and growth. PGE and LTI has partnered in PGE OUA Automation engagement for Implementation of SOX Reports.

Roles and Responsibilities:

- Effectively interacted with the end users for requirement gathering and defined Technical Specification documents & ETL design documents.
- Identified and Created Facts, Dimensions, and Hierarchies of the business model.
- Extracted data from different sources like Oracle, flat files, & System tables, and loaded into Data Warehouse.
- Used ODI 12c for extraction, loading and transformation ELT of data in the data warehouse.
- Design and Developed RPD Model (Imported metadata, defined physical joins, created start schema, applied business rules in the business Modeling and mapping layer, defined hierarchies and created customized user views in the Presentation Layer.
- Defined the write back functionality and accordingly configured the RPD / Table & Column Level Configuration.
- Configured Interactive Dashboard with drill-down capabilities using global and local Filters, Metadata Objects and Web Catalog Objects.
- Implemented Security, Using EM, Web logic Admin and Oracle Stack Architecture.
- Migrated OBIEE/ODI objects to lower environment to the higher environment.
- Trained End Users and Pilot Users about OBIEE Tools.

Project: MesTec OBIA Enhancement & Implementation (Florida US)

Position: Sr. Consultant

Environment: OBIEE 12c, Oracle Data Integrator 12c & OBIA 12c

Analytics: Finance Analytics, Quote Analytics, SCM Analytics, Pipeline Analytics, HR Analytics and Custom CRM Service Analytics

Duration: 25th August 2020 to Present

This Project is about Implementation of Finance Analytics for Engineering company. This Project involved Custom BI reports implementation from Oracle ERP to OBIEE. End to end new development involving extensive usage of complex reports, variety of analytical charts and efficient RPD.

Roles and Responsibilities:

- Creating and submitting status reports to up line managements.
- Analysis, Design, Implementation, documentations and BI specifications that incorporate OBIEE development standards best practices as well as ongoing support for Data Warehouse.
- Worked on Physical, Business Model and Mapping Layer and Presentation Layer of OBIEE Administration tool.
- Worked on performance tuning of various OBIEE Reports / Dashboard.

- Extracted data from different sources like Oracle, flat files, XML, DB2 and SQL Server loaded into Data Ware House DWH .
- Involved in Designing the ETL process to Extract translates and load data from OLTP Oracle database system to Oracle data warehouse.
- Used ODI 11g for extraction, loading and transformation ETL of data in the data warehouse
- Worked on Oracle Data Integrator components like Designer, Operator, Topology and Security Components.
- Created and Imported/Exported various Sources, Targets, and mappings in interfaces using ODI Designer and generated scenarios and scheduled as per client requirements.
- Loaded data from different source systems to target warehouse using interfaces with Knowledge modules like LKM, IKM and CKM for data quality check.
- Developed several Interfaces, Packages, Procedures and Scenarios in ODI
- Used most of the transformations such as the Source table joins, using Expression in mapping area, aggregations like SUM, MIN, MAX using in mappings, lookups, Filter, Datasets.
- Customized ODI KM like LKM and IKMs
- Created a Physical, logical schemas and Contexts for ELT process.
- Creating Test cases for Unit Test, System Integration Test and UAT to check the data.
- Performed scheduling with ELT jobs using Agents in ODI

Project: EATON BI Enhancement/Implementation, Cleveland (Ohio), US

Position: BI Solution Designer

Environment: OBIEE 12c, Informatica 9.6.1 and DAC 11g

Analytics: OM Analytics, Quote Analytics, SCM Analytics, Pipeline Analytics, HR Analytics and Custom CRM Service Analytics

Duration: 18th May 2018 to Dec-2019

Client had implemented OBIA 7.9.6.4 and I worked on Enhancement and customization for Quote, Order Management, Warranty, Service, Pipeline Management & HR Analytics. Involved in implementation of new subject area Enterprise Sales and Margin for Hydraulic.

Roles and Responsibilities:

- Effectively interacted with the end users and BA for requirement gathering and defined Technical Specification documents & ETL design documents.
- Identified & Created Facts, Dimensions, and Hierarchies of the business model.
- Design/Develop Business Intelligence Reports and Dashboards for the end users using OBIEE.
- RPD Modelling - Combining data from multiple data sources, Star schemas and Snowflakes, Hierarchies, Modeling multiple facts in single subject area, Level based measures Calculated items, Alias tables, left/Right Joins in RPD, Initialization blocks, Repository and Session variables, Subject Areas for efficient Adhoc querying and Developed RPD with the Oracle recommended Best Practices in place.
- Implementation of User and Data Level Security using OBIEE Enterprise manager and Console.
- Extracted data from oracle database staged into a single place and applied business logic to load them in the central oracle database.
- Used Informatica Power Center 9.6.1 for extraction, transformation and load (ETL) of data in the data warehouse.
- Extensively used Transformations like Router, Aggregator, Normalizer, Joiner, Expression and Lookup, Update strategy and Sequence generator.

- Developed complex mappings in Informatica to load the data from various sources.
- Modified the OOTB Informatica mappings, Workflows, to load data into the custom legacy data mart.
- Created New ETL mappings, sessions, workflows did unit test, and data validation.
- Created a list of the inconsistencies in the data load on the client side so as to review and correct the issues on their side.
- Created the ETL exception reports and validation reports after the data is loaded into the warehouse database.
- Written documentation to describe program development, logic, coding, testing, changes and corrections.
- Created Test cases for the mappings developed and then created integration Testing Document.
- Converted the Legacy reports from Discoverer to OBIEE 11 by reverse engineering and creating data model in OBIEE RPD, Reports and dashboards.
- Present Dashboard/report demo's and deliverables.
- Translation of business requirements into functional and technical designs.
- Deploy OBIEE applications into Production environment.

Project: SEHA Finance BI Implementation, Abu Dhabi, UAE

Position: Oracle BI Consultant (OBIEE Lead Developer / ETL Architect)

Environment: OBIEE 12c, Informatica 9.6.1 and DAC 11g

Analytics: OM Analytics, Quote Analytics, SCM Analytics, Pipeline Analytics, HR Analytics and Custom CRM Service Analytics

Duration: Dec - 2017 to April - 2018

This Project is about Implementation of Finance Analytics for Health Care Sector. This Project involved Custom BI Finance reports (Balance Sheet, Profit and Loss, Cash Flow etc.) from Oracle ERP to OBIEE. End to end new development involving extensive usage of complex reports, variety of analytical charts and efficient RPD.

Roles and Responsibilities:

- Work with users, presentations, brainstorming requirement sessions.
- Design and Architect the 11g Stack, Security, development and deployment.
- Create requirement documents, HLDs, LLDs.
- Identified & Created Facts, Dimensions, and Hierarchies of the business model.
- Developed Segment Value Detail and Work Order Detail (RPD) by importing metadata into Physical Layer, applied Business rules in the Business Modelling and Mapping layer and created customized user views in the Presentation layer.
- Created Catalog Groups and set permissions for items in the presentation catalog and privileges and rights to users and groups.
- Designed and Tested Reports in the Dashboards for the Oracle Financial Analytics modules like GL, AP, AR and created the Ad-hoc report according to the client needs.
- Configured Interactive Dashboard with drill-down capabilities using global and local Filters, Metadata Objects and Web Catalog Objects.
- Applied Cascading Prompts and Multi Level Prompts on Dashboards.
- Identified issues, performance bottlenecks, and optimized the Business Intelligence Dashboards and Reports.
- Developed different kinds of reports (pivots, charts, tabular) using global and local Filters.
- Wrote Custom SQL Codes for the reports.
- Applied Optimization Techniques for the better performance of the reports.

- Involved in Monitoring and Scheduling different process flows using Oracle Work Flow Manager.
- Used external tables to Transform and Load data from Flat files into target tables.
- Used Debugger to validate Mappings by creating break points to analyse and monitor Data flow.
- Involved in troubleshooting the load failure cases, including database problems.
- Implemented Security by authenticating against the LDAP and external table.
- Trained End Users and Pilot Users about OBIEE Tools

Education:

- M.C.A. From Sinhgad Institute of Management, Pune (Mah.) Affiliated to Pune University in 2014.
- B.C.A. From Aishwarya College of Education Sansthan, Udaipur (Raj.) Affiliated to Mohan Lal Sukahdia University in 2011.
- 12th (H.S.C.) From Guru Nanak Public School, Udaipur (Raj.) in 2008.
- 10th (S.S.C.) From Guru Nanak Public School, Udaipur (Raj.) in 2006.

Onsite Experience

- Location: Riyadh and Abu Dhabi
- Client Name: Abu Dhabi Health Services Company, King Fahad Specialist Hospital
- Duration: 1.3 Year

Achievements

- Received Pride Award at LTI for outstanding performance, service and dedication for Q1 2019.
- Nominated for Rise award at Evosys for all round performance.

DECLARATION

I, Chirag Nangawat, hereby declare that all the information given above is correct to the best of my knowledge, and nothing has been concealed or distorted.

Date:

(CHIRAG NANGAWAT)