



Senior Oracle Developer

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Senior Oracle Developer – Cendien – Oracle Experts

Oracle Professional Services

Over 11+ years of experience in database application development and 8+ years of experience in Data Warehousing, especially in banking and telecommunications industries:

- Excellent knowledge of data warehouse architectures, concepts and technologies, dimensional Star Schema and Snowflakes Schema methodologies;
- Expert in designing and developing complicated ETL mappings using Informatica PowerCenter;
- Substantial experience in optimizing performance issues using Informatica PowerCenter;
- In depth understanding of Change Data Capture technology with Informatica PowerExchange;
- Extensive background in SQL ,PL/SQL programming, mainly Oracle 9i/10g in Unix environment;
- Hands-on production experience in large data warehousing (more than 20+ Terabytes) implementation;
- Detailed knowledge of Web services architecture and SOA , Informatica PowerCenter web services;
- Solid SAS development experience in Unix environment, hands-on shell scripting experience in Unix environment;
- Familiar with Business Intelligence technologies using Microstrategy and SAS;
- Detailed knowledge of multi-tier architecture in client/server environment;
- Strong analytical skills, "big picture" thinker ;
- Pro-active and adaptive in nature. Ability to work effectively and as part of a team, excellent negotiation and issue resolution skills.

Oracle Clients / Experience

Financial Client

Senior Data Warehouse /ETL Developer

The purpose of the project developed here was to build a comprehensive information warehouse to provide a single view of a company business data.

The main problem of this project was to consolidate and use the heterogeneous data sources from large mix of legacy databases and applications, including retail banking, consumer loan, business loan and mortgages loan processing. It was resolved in two stages. The first stage was to load data from different sources into Operational Data Storage (ODS), and the second stage was to extract data from ODS, than transform and load data into Enterprise Data Warehouse, based on Sybase IWS data model.

I acted as a technical lead and supervised the team of 7 ETL developers in all phases of the project life cycle, from the requirements definition to ETL mappings implementation, and provided technical assistance and guidance to team members. Our team worked closely with functional business analyst team members to document ETL requirements and turned those requirements into ETL jobs.

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Moreover, our team collaborated with Business Intelligence developers to understand reporting requirements. MicroStrategy was the Business Intelligence tool running on this data warehouse to deliver information to executives for their analysis and to build daily reports, weekly P&L statements, and weekly consolidated International Financial Reporting Standard (IFRS) statements.

In all, our ETL developers team designed and implemented more than 200 Informatica PowerCenter mappings, that are grouped together in a couple of workflows.

As a member of ETL developer's team, my responsibilities included:

- Implemented complex data transformation mappings using Informatica PowerCenter;
- Resolved performance issues in Informatica PowerCenter workflows, so reduced incremental load data duration more than three times;
- Installed Informatica PowerCenter web services hub and used it for data exchanging between data systems;
- Optimized heavy-load queries in DB2/AS400 and Oracle environment for using it in Informatica PowerCenter mappings;
- Installed and used Informatica PowerExchange , that provides fast data extraction in Oracle environment, using Change Data Capture (CDC);
- Used XML schema for interchange Informatica mappings between development, test, and production environment;
- Installed and configured Informatica PowerCenter Server .

Environment: DB2/AS400 iSeries DBMS, Informatica PowerCenter 7.x, 8.x, Informatica PowerExchange 8.x, Oracle Database EE 9i, Sybase Power Designer .

Telecommunication Client

Senior ETL Developer

Project: Extending and supporting the Enterprise data warehouse.

In this project I worked in large data warehousing (more than 20+ Tb) implementation and Oracle large-scale VLDB (10+ Tb) environment. The main source system for data warehouse was a corporate billing system, named CBOSS, resided in Oracle very large database. So I dealt with everyday complex database queries optimization, that vastly increasing response time, for using it in Informatica PowerCenter mappings. My major goal in this project was to fill up the existing and new data marts in SAS using Informatica PowerCenter and SAS Base program modules.

As a member of data warehouse developer's team, my main responsibilities included:

- Developed advanced ETL mappings using Informatica PowerCenter;
- Conducted ETL processes performance tuning, troubleshooting and supporting;
- Extensively used Oracle database query tuning using explain plan and partitioning, indexing , query hints and views;
- Interacted closely with BI analysts to understand analysis and reporting requirements and ensured that ETL processes met this requirements;
- Participated in designing SAS program modules for creating Multidimensional (MDDB) SAS cubes;
- Involved in writing Unix Shell scripts on Solaris OS to automate loading process, schedule them at crontab, and notified the success / failure to users.

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Environment: Informatica PowerCenter 7.x, Oracle Database 8i/9i, SAS MDDB Server, SAS Warehouse Administrator, SAS Base v.8/9, Sun Solaris OS.

Financial Client

Senior Datawarehouse/ETL Developer

Project: Implementing an Enterprise data warehouse

The main goal of initial project was to supply a single version of the truth to risk management department. The main problem of this project was a lot of sources from loose coupling loan processing systems that occasionally consists of incomplete data. It was critical to obtain the data from the heterogeneous systems on the basis of individual transactions. In this way, managing risk began with integrating data from disparate sources. The data from heterogeneous data sources were transformed into a uniform format, and loaded to the data warehouse in internal risk data marts. With these internal risk models, bank generated reports, from which the equity capital that must be deposited under supervisory law is determined. Moreover, the bank had a single view of its risk portfolio.

After achieving the initial goal, the company decided that it needed to build a solid data warehouse architecture that was essential to accommodate changing and dynamic business requirements, many of which could not be anticipated.

As a member of the data warehouse engineer's team, my main responsibilities included:

- Played a key role in designing an ETL model for the project;
- Worked closely with cross functional business and business intelligence team to turn ETL requirements into ETL jobs;
- Created and maintained logical data maps identifying information linkages between operational systems and the Enterprise Data Warehouse;
- Determined data acquisition requirements;
- Designed and implemented ETL mappings/processes using Informatica PowerCenter ;
- Migrated the PL/SQL code functionality into an ETL mappings using Informatica PowerCenter;
- Identified and resolved performance bottlenecks in Informatica PowerCenter mappings and workflows;
- Designed some dimensions, especially slowly changed dimensions type 2 and type 3;
- Created some applications modules and stored procedures using Oracle PL/SQL;
- Developed and deployed UNIX shell scripts to automate loading process;
- Installed and configured Informatica PowerCenter Server 7;
- Created analytical reports using Oracle Reports 6i, Crystal Reports 8, Visual Basic 6, XML/XSLT,HTML;
- Participated in designing data load strategy for full and incremental data load process.

Environment: Oracle DBMS 8i/9i, Informatica PowerCenter 7, MS SQL Server 7.0, Linux RH 2.1, UNIX Shell Scripts, Oracle Reports 6i ,Crystal Reports 8, Visual Basic 6.

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Software Engineer

Project: Enterprise billing system

- As a developer of the team designed Corporate billing system in 3-tier Client/Server environment, using MTS/COM/DCOM for complete more than 100000 orders per month;
- Designed database model and implemented business level objects and storage-retrieving objects.

Environment: MS Visual Basic 6.0, MTS Server 2.0, COM/DCOM, ADO 2.0, UNIX, Crystal Reports 6.0, MS SQL Server 6.5.

Oracle Education / Certifications

Oracle Certified Professional 9i DBA

Microsoft Certified Solution Developer

IBM Certified Specialist in XML and Related Technologies

Master's degree in Computer Science

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