

Informatica ILM Architect

Summary

- 13+ years experience in complete life cycle implementation (gathering business requirements, analysis, design, data modeling, development, implementations and testing) of various functionalities of Business Intelligence, Data Warehouses/Data Marts and Business Applications using Ralph Kimball and Bill Inmon Methodology.
- Worked for a banking client as an Informatica SME and Architect in a **Data Governance** consulting project using **Informatica archival**, and an **application retirement** project involving data masking, data sub setting, data profiling, and **Informatica PowerCenter**.
- Trained in Informatica Integration Cloud.
- Worked closely with project directors to define strategy across application retirement.
- Worked as a 'Data Custodian' for data retrieval for the decommissioned systems.
- Extensive experience in creating the Workflows, Mappings, Mapplet, Reusable Transformations, and scheduling Workflows and Sessions using Informatica Power Center
- Well versed in **installing, configuring and admin activity of Informatica Power Center, Test Data management, Dynamic Data Masking, DVO and Data Archival**, all part of the Informatica ILM (now Data Security Group) product suite.
- Expertise in Dimensional Data modeling, Star Schema, Snow flake schema, Fact and Dimension tables, Physical and logical data modeling.
- Experienced in developing Slowly Changing Dimensions mapping (Type I, Type II& Type III).
- Worked as BI lead in internal project to develop OBIEE RPD and Dashboards including Answers.
- **Has worked for Deloitte Consulting 4+ years and worked in the Health Care, Insurance, Energy & Utilities, and Manufacturing domains.**
- Worked on an initiative to extract data using Informatica and Kapow from social websites (Facebook, Twitter) and performed the sentiment analysis.

Skills

- **Operating Systems** Windows, Unix
- **Languages** C, SQL, Java, PL/SQL, Windows Scripting
- **ETL Tools** Informatica Power Center ETL & Admin , SAP BODS
- **Reporting** OBIEE, BO, Tableau, Qlikview, Kalido DIW
- **Informatica** Informatica Cloud, Informatica power center, Data Governance, Informatica ILM (Information Lifecycle Management), Data Archival, Application Retirement, Data Masking, Data Subset, Test data generation, Data profiling, Test Data Management, Dynamic Data Masking, IBM Optim, Informatica DVO (Data Validation), Informatica Data Explorer, Secure@Source
- **RDBMS** Oracle, Sql Server, DB2, Sybase, Mainframe CA DataCom
- **Directory Services** Active Directory, LDAP
- **Application Servers** Oracle Weblogic
- **Other Tools** KAPOW(Social Media Adapter), Concepts Data Warehousing, Business Intelligence

Education

B-Tech in Electronics and Telecommunication (2005)

Past Experience

Royal Bank Of Scotland (Stamford, CT)

June 2015 – Nov 2018

Informatica ILM Architect and SME (Trinamix, Connecticut, USA)

This project was about retiring and archiving approx. 300 applications for the client. They also needed to mask the data before it was exposed to users.

Role:

I am acting as an Informatica ILM architect or archival SME to retire client's applications. I architected the infrastructure for data archival. Then created a strategy for data archival. I also designed/architected an application archival that involved mainframe CA Datacom cobol files.

I acted as a data custodian, to retrieve information for legal/compliance in case of any litigation or legal queries. Lastly, I helped the client with an Informatica cloud integration for the HR system.

Environment: Informatica Power Center, Informatica Cloud Integration, ILM, Dynamic Data Masking, DVO, Sybase, Oracle, Sql Server, Unix

Client: Commercial Metals Company (Irving, TX)

Dec 2014 – June 2015

BI & ILM, Masking Architect (Trinamix, Texas, USA)

This project was about retiring and archiving 28 applications. The client also had to mask the data before it was exposed to users.

Role:

I acted as ILM Lead or archival SME to implement and retire the client's applications; Provided the client options about Informatica data explorer; Built strategy in ILM products, including TDM. Retired application based on multiple entities; Identified a retention policy; Configured ILM and set up two environments for ILM; Performed Data Masking for Informatica Data Vault.

LDAP active directory configuration for the required users; Roles configuration in LDAP; Created data discovery entities for end user access with managing retention entities; Performed DVO including table pair creation on archived application.

ETL Administration, Power Center training to client for developing ETL mappings.

Environment: Informatica Power Center, ILM, Test Data Management (Subset and mask), Dynamic Data Masking, DVO, Business Objects, Oracle, Sql Server

Crop Production Services

Sep 2014 – Nov 2014

ILM & Masking Architect (Trinamix, Colorado, USA)

This assignment was to install and configure Informatica ILM for data archival, test data management and components at the client's environment.

Role:

I was acting as a consultant from Informatica (IPS) to help the client configure, and train the client about data archival and strategy for ILM product suite.

End-to-end archival and masking implementation; Apply masking rules for few of mock database for client training purpose; Work with client to make them hands on in above stated skills; Work on a pilot application for on-go strategy for data archival; Provide basic knowledge of TDM to client.

Environment: Informatica Power Center, ILM, Test Data Management (Subset and masking), Dynamic Data Masking, DVO, Business Objects, Oracle, Sql Server

Oracle

Jul 2013 – Aug 2014

BI Manager, (Trinamix, India)

This assignment was to create an architecture for the entire BI piece of the product development such as drawing the ETL design and developing reports in OBIEE for planning data quality. This was a co-development with Oracle.

Role:

Get a high-level understanding of BI requirements and develop & design the ETL and dashboard accordingly. Overall, end-to-end implementation of ETL and OBIEE dashboards.

Create database objects as per requirements; ETL Design plus Source to target mapping sheet; Develop, test the ETL mapping; Validate the data in staging, and DH. Informatica Administration; Develop OBIEE rpd after understanding the need; Create dashboard in OBIEE with drill down reports; Modify RPD and dashboard as per product development requirement; Integrate and merge the PDQ rpd with other rpd and migrate the code to customer's environment.

Environment: Informatica Power Center, Oracle, OBIEE, Data Modelling

African & Eastern

Apr 2013 – Jun 2013

BI Solution Architect (Trinamix, Dubai, UAE)

This assignment was to evaluate BI tools and current architecture for my client. It involved current state assessment along with future to-be assessment and understanding the right BI tool fit.

Role:

Primary role was to architect the BI solution for the client and provide a road map for the BI tools going forward. Get a high level of understanding of BI requirements and meet different BI vendors to perform a demo and small POC. Evaluate different BI tools in market.

Understand the AS-IS state and TO-BE architecture; BI Tools and high level architecture recommendation; Assist client with BI and other BI roadmap landscapes.

Environment: Informatica Power Center, Oracle BI, Tableau, Qlikview, Sql Server

Santander Consumer Bank

Nov 2011 – Mar 2013

Architect (Pinion Services, Norway, Europe)

The program involves the creation of collection data mart for the client. This data mart would serve them daily reports on the collections that happened for any particular contract.

Role:

Understanding the business process flow and work with business user after which, I am supposed to coordinate and understand the requirement and business analysis.

Have to work towards building a robust model or design considering the present data ware house. My role included from business analysis till testing. Understanding the business flow and coordinating with business users to get answers required for design.

Work on requirement gathering document along with ETL mapping sheet; Building reports to meet business requirements; Development of ETL's which includes file inbound process, CDC, error handling; SCD2 development. Database objects creation and data mart population. Data analysis for the existing ware house; Data validation for the mart.

Environment: SAP BODS, OBIEE, Sql Server 2008

Pfizer

Nov 2010 – Oct 2012

Tech Lead, (Deloitte, Pennsylvania, USA)

The program involves decommissioning of client's application data from the acquired company. This includes data sources like Jd Edwards, Sql server and Oracle. Pfizer established a goal to decommission 2,000+ applications by December 2011.

Role:

Understanding the business process flow and work with business user of each application to be decommission for business requirement gathering. After which, I am supposed to coordinate archiving and validation of the retired application.

Have to work with business and technical users on deciding the technical complexities for each application like retrieval requirement after the application is decommissioned etc.

Leading effort for new product installation on our production and test server across different regions. Gathering and placing request for space available and required in server.

Creation of Informatica mappings for verification where Informatica DVO doesn't fit. Schedule meeting with business and technical owner of applications.

Coordinating with different vendors involved for archiving. Understanding the business requirement for archival and coordinating retrieval queries for an application.

Taking archival end to end and this also includes retrieval query execution. Creation of Informatica-DVO scripts for JDE markets. Contributing for process improvements.

POC on performance/Live archiving. Performed a POC and then implementation of data subset in client's warehouse.

Performed a data archiving and masking POC for client using IBM Optim.

Lead ETL Development where the code page was an issue. Informatica Administration.

Environment: Informatica Power Center, Informatica ILM, Informatica DVO, Data Archival and Application Retirement, Data Subset, Oracle, DB2, Sql Server, JDE

Genentech Roche Integration

Mar 2010 – Oct 2010

Tech Lead, (Deloitte, California, USA)

The project involves integrating the existing ware house with the new ware house after the Roche has acquired Genentech. The project deals with populating the client data from various parties to the Genentech ware house after applying business transformations. It takes data concerning prescriber of their Genentech produces drugs from any particular retail outlet. Also, data pertaining to their sales is also loaded.

Role:

Understanding the business requirement from the technical and business standpoint. Create source to target mapping for all ETL's. Lead 2 modules from ETL standpoint.

Assign tasks to peers to meet the stringent deadlines. Development of some of the ETL's in coordination with peers. Coordinate between offshore and onshore to understand the design.

Test and lead the testing activity for all the assigned modules.

Environment: Informatica Power Center, Sql Server, Unix

Agilent**Oct 2009 – Feb 2010****Senior Consultant, (Deloitte, India)**

This assignment basically dealt with the annual sales compensation and annual rewards program for the client

Role:

Analyzing the business requirement. Developing different kind of mapping referring to the business requirement document. Making suitability adjustments in the functional flow. Understanding the complex calculations involved as per the requirement and hence proposing the corresponding logic for it.

Making technical specs and unit test cases while adhering to the quality. Moving the codes between different environments after testing is completed. Coordinating between Client, onsite and offshore team (Mumbai).

Environment: Informatica Power Center, Sql Server, Unix

Norwich Union Limited**Jan 2009 – Sep 2009****Business Analyst (Deloitte, India)**

Provides development to the UK based insurance company. The project includes lot of analytics, development for two particular reporting which goes to the UK Insurance regulatory wing of the government thereby adding lot to my learning and understanding the DW concepts.

In this project Informatica 8.6 is deployed along with Oracle 10G as their database. It provides business intelligence to them and the analysis by which they can enhance their insurance business and hence get best out of minimum effort.

Role:

Analyzing the business requirement as there was two fixed reports to be produced instead of usual ad-hoc reporting. Defining the Logical primary keys. Defining the table to be deployed along with their data types.

Developing different kind of mapping referring to the business requirement document.

Performance tuning. Understanding the complex calculations involved as per the requirement and hence proposing the corresponding logic for it.

Making technical specs and unit test cases while adhering to the quality. Accepting new changes and making design documents. Reviewing the code.

Environment: Informatica, Oracle, Unix

SIAC Insurance**Apr 2008 – Dec 2008****(Satyam Computers, India)**

The Project provides development to the US based insurance company. The project includes development, enhancement and then moving the particular domain into the production for business use and thereby adding lot to my learning and understanding the DW concepts.

In this project Informatica 8.1 is deployed along with SQL Server 2005 as their database. It provides business intelligence to them and the analysis by which they can enhance their insurance business and hence get best out of minimum effort.

Role:

Developing different kind of mapping referring to the business requirement document. Making suitability adjustments in the functional flow.

Performance tuning. Accepting new changes and making design documents. Check the daily overnight Loads of the business and to report client in case of any Mishap.

Reviewing the code. Checking for duplicate records in the source and thereby avoiding entering into the warehouse.

Writing the balancing queries for source and targets. Tracking Cause of any reoccurring issue. To automate the process to eliminate/minimize the manual work.

Environment: Informatica Power Center, Oracle

British Petroleum, UK**Jul 2005 – Mar 2008****(Satyam Computers, India)**

The Project provides Production support to Business which is a very significant part of the Energy & Utilities Sector Company, BP. It provides business intelligence to them and the analysis by which they can enhance their business and hence get best out of minimum effort.

Roles:

Making suitability adjustments in the functional flow. Check the daily overnight Loads of the business and to report client in case of any Mishap. Reviewing the code.

Tracking Cause of any reoccurring issue. Informatica ETL, Kalido DIW up gradation. To automate the process to eliminate/minimize the manual work.

To coordinate between workflow and loadings of data into the warehouse. To schedule loads throughout the week. TO coordinate between customers and team.

Update Business homepage in UNIX servers when any loads are failed. The database design in conjunction with the functional requirements.

Environment: Informatica, Kalido, BO, Oracle, Windows Scripting, UNIX