

Executive Summary

- ⇔ A professional with **10 yrs** of experience in ETL Architecture, Data Modelling, Software Development / Onsite Co-ordination / Team Leading with **deep insight in to Finance domain**, Pharmaceutical & life science industry and exposure to FMCG domain.
- ⇔ Expert in Data warehousing implementation projects, ETL tool Informatica and PL/SQL.
- ⇔ Implemented ETL for complex data warehousing scenarios like Summary facts; flattened vertical and custom hierarchies.
- ⇔ Working with **xyz** as a **Technology Architect**.
- ⇔ Pre-sales support, RFI and RFP responses.
- ⇔ An expert in leading teams to successful project implementation with leadership skills, quality assurance and schedule adherence.
- ⇔ Experience in Data modelling and ETL Architecture.
- ⇔ Worked on all phases of data warehouse development lifecycle, from gathering requirements, ETL design and implementation, and support or new and existing applications.
- ⇔ Excellent technical and analytical skills with clear understanding of ETL design and project architecture based on reporting requirements.
- ⇔ Demonstrated expertise utilizing ETL tools, including Informatica v6. X 7.X, 8.X, PL/SQL package design, and RDBM systems like Oracle, DB2 and SQL server 2005/2008, Teradata.
- ⇔ Have a strong technical CV with certifications in: **Informatica Certified Designer and DB2 UDB 700** and cross trained in several DW&BI related technologies.
- ⇔ Strong leadership with experience in client handling, onsite coordination and offshore team grooming.

Areas of Exposure:

Technical:

ETL: Informatica v6.x, 7.x, 8.x,9.x.

SQL: SQL Developer, Toad, SQL*Loader, Embeardo
RDBMS: Oracle 10g, Oracle 9i, Oracle 8i, DB2
8.0, SQL Server 2005, Teradata
Operating Systems: Windows 2000/NT/XP/VISTA, UNIX
Programming Languages: SQL, C, C++, JAVA and HTML
Tools Documentation: MS Office
Version Control: VSS, Documentum
Remote Access: FTP

Projects Summary

1.Xyz- Client Description

XYZ is one of the world's leading media and entertainment companies in the development, production, and marketing of entertainment, news and information to a global audience. XYZ is a subsidiary of Comcast Corporation.

Project Description - XYZ Cloud Integration

Client wants to integrate Contract activity information amongst different cloud applications like NetSuite (Cloud ERP), FilmTrack (Cloud Rights Management) and on premise sales and activity data base (SQL Server). As part of this project, below listed integrations were build and delivered to client.

1. Contract Status (FilmTrack to On Premise DB)
2. BoxOffice Stats (On Premise DB to NetSuite)
3. Territory (On Premise DB to FilmTrack)

Roles and Responsibilities

- Involved in the analysis of business requirements and client provided data mapping document.
- Prepared project architecture, process flow and technical design document based on requirements.
- Created number of service connectors to cloud applications, connectors (file, FTP, email, ODBC etc.) and process objects.

- Designed and developed cloud mappings, processes and scheduled them to run every minute or hourly or daily based on the real time data requirement.
- Created error and exceptional handling processes, Alerts and notifications.
- Created Publication and subscription process using Cloud integration hub.
- Performed unit testing and documented unit test scripts.
- Performed data validations between source data and cloud applications UI data.
- Used postman extensively to execute the processes, to get data from cloud application using respective API's.
- Created migration steps and Performed migration of processes from Development to Stage environment.
- Performed performance analysis by debugging the logs and activities in the process console.
- Review of integration build by other vendors as per client request and shared the comments.
- Performed enhancements and re design of code on top of existing code created by other vendors.

2.Xyz - Client Description

XYZ Financial is dedicated to provide insurance solutions to middle-income working Americans and retirees through its family of established brands like Bankers Life, Washington National Insurance Company and Colonial Penn Life Insurance Company. These entities of life insurance will reach directly to customers through television advertising, direct mail, the Internet and telemarketing.

Project Description - Automated Xyz Reporting

The XYZ Reporting System required to be built is aimed to reduce manual effort need to create the reports (in scope) generated across PMA and Washington National particularly as it relates to NAP. To achieve the above goal, a new architecture is built in order to:

- Mapping NAP to PMA Commission Hierarchies and ORG Chart for Performance reporting, Bonus and Incentive Programs
- Creating a snapshot of PMA Org Structure within SFDC and storing in the new NAP datamart built periodically
- Generation of reports directly from ADS instead of generating from PIG
- Enable generation of all the reports mentioned in this document through the new architecture

Roles and Responsibilities

- Involved in the analysis of business requirements and client proposed data mode.
- Proposed changes to add additional attributes and tables to the data model based on the granularity of business reports as per BRD preparation. Submitted final model with business, provided walkthrough to get signoff.
- Prepared project architecture and technical design document based on requirements.
- Co-ordinated with IDW & SFDC source systems, identified unique Agent combination and tables joining criteria.
- Analysis of BO sample reports, co-ordination with Business to identify ETL logic for various attributes and provided data mapping document to development team
- Sales force system holds agent related information from various source systems.
 - **Informatica Cloud** has been used to read Agent information and respective hierarchy information from Sales Force system and to synchronize the same into Oracle system.
 - Data synchronization job is created to synchronize changed data alone from SF to Oracle for required tables and attributes.

3. Project description - Xyz

Xyz database is built with two new data marts Prescription & Transactions. The source data received from the AURA system in the ACORD 160005 XML needs is loaded into the AURA staging area. From there the data will be parsed and formatted into the AURA DataMart and Business Objects Universe from which users can generate the reports they require.

Roles and Responsibilities

- Analyzed the requirements, functional specifications and identified source data to be moved to the proposed datamart.
- Designed ETL approach to process XML data which is complex in nature into nearly 60 stage tables.
- Prepared Architecture and ETL design approach deck and provided walkthrough to client.
- Data mapping document is built to map XML staged data to datamart attributes
- Prepared technical design document and walkthrough to client for approvals.
- Guiding development team on daily basis and working with them on issues and proposed approaches to resolve.
- Review of Informatica code and making sure coding standards and performance tips are adhered.
- Involved in the revision of estimates, SOW creation, CR creation and team management etc. activities.
- WBS creation and sharing weekly status report to client.

4.Xyz- Client Description

Amex BIDW contains three platforms. They are ARDW (Accounts receivable data warehouse), RRDW (Rebates and rewards data warehouse) and SBDW (Small Business data warehouse). Each of these data warehouses will be loaded and maintained by different projects. RIT (Reporting Information Transformation) and BEQ (Business Event Qualifier) are the two base projects in RRDW.

Project Description

- 1. Xyz:** Re-platform the Ultimate Redemption Rate calculation (URR) for International markets into a best in class Reward Finance warehouse capability ensuring effective and regulatory strength controls delivered through a Technology managed asset and environment. The adequacy calculation for all International markets is performed to estimate the MR Liability balance that must be maintained to adequately meet the expected cost of future redemptions for American Express and is the biggest liability on the balance sheet.
- 2. Xyz:** Re-engineer URR calculation for US Membership rewards by architecting and implementing the URR metrics out of RIT and eliminate the ad-hoc SAS process that exists today. This implementation in BIDW Infrastructure which is a controlled automated production environment aims to close the audit map on URR calculation for Business by Q3 2013.
- 3. Xyz:** This project is to handle the blue sky redemptions through the existing BIDW code. BSKY is a separate Reward Program maintained in USMR System. User will use this Blue Cards mainly in Travel (Travel Cards), so this project is named as Blue Sky. Daily Blue sky rewards program data will come from USMR and loaded in to BIDW. BIDW will send Blue Sky Redemption data to downstream system MRAE. We will leverage the process and capabilities from the Cash Rebates Refresh in order to quickly and seamlessly integrate these changes into the Program. BIDW process will be modified to accommodate new blue sky redemptions, reconciliation between USMR/LE, USMR and vendor at high level. All redemption activity (Travel/Gift Card & Merchandise/Cashback) source from USMR & LE will be included in the redemption reports. The invoice files from Vendors to RRDW will include invoice details for the Blue Sky redemptions (Gift Card & Merchandise).

4. **XYZ:** iPWP dynamic pricing is a project to handle the redemptions of AMEX card holders subscribed to Dynamic pricing campaign. These card holders will have lesser partner rate for the redemptions happened through the subscribed campaign. Related DW changes and reporting level changes were implemented through this project.
5. **XYZ Project:** Pay At Partner is a project to incorporate Amazon partner into Amex. Implementation of this project allows the Amex card holder to redeem his Amex points at Amazon website. Changes to RRDW data base and related reports due to the redemptions happened through Amazon site were handled through this project. Required changes to downstream were also implemented according to downstream requirements.
6. **XYZ project** under RIT, involves changes to existing RRDW application due to change in source file layouts from USMR (United States Membership Rewards) to include Baseline points. Scope of work includes changes to existing Informatica objects to incorporate source file layout changes, Balancing code changes, History load to for new metric Baseline point, and new piece of code to generate & transfer flat files to MRAE & BIS downstreams.

Roles and Responsibilities

- Analyzed the requirements, functional specifications and identified source data to be moved to the warehouse.
- Involved in the analysis and identification of tables & attributes needed to build and maintain international redemptions data warehouse (29 markets)
- Developed HLD (High Level design), LLD (Low Level Design) docs, Technical Architecture doc, Test approach, Test scenario and Test case docs.
- Developed several new mappings, modified existing mappings and created various transformations as per the Business rules and optimized those mappings.
- Loaded data from various source systems (USMR, Business, LE, Vendors) to Data warehouse using transformation and cleansing logic.
- Involved in scripts preparation to generate parameter files, to transfer (SFTP) downstream files to tumbleweed setup.
- Involved in SIT & UAT testing with tight time lines and able to complete testing activities in time irrespective of various environmental issues.

- Analyzed extensively OOB (Out Of Balancing) issues after loading the delta files and corresponding control file for various metrics. Quick understanding of RRDW platform and fixes to various issues.
- Uploaded test scripts into QC, tracked the status for each test cycle and logged defects.
- Involved in Project plan preparation, Project E2E calls, tracked the effort for various project implementation tasks and defects tracking using corporate internal tool C2.0
- Involved in IMR creation for issues at various phases of project, Share point request for infrastructure services
- Raised CMR's for production implementation using Tivoli.
- Involved in various implementation tasks like heads up to infrastructures team and Production support team, validations on database & Infa objects migrated to E3.

5.Xyz - Client Description

Xyz is a large American bank, offering full-service commercial and retail banking services along with other financial services like insurance, investments, retail brokerage, mortgage, corporate finance, consumer finance, payment services, international banking, leasing and trust.

Project Description

Xyz is supporting 20 applications as part of its services to BBNT Hub Development project. The support team is performing various manual tasks to execute the production jobs for these 20 applications. The scope involves providing a solution for optimizing and improving the performance of around 20 Data Hub applications by automation of the manual activities in production support.

Roles and Responsibilities

- Analysis of all the manual activities performed by team on day to day basis to handle all the 20 applications
- Identified the activities which can be automated and prepared automation framework which will be useful for all applications
- Involved in the preparation of wrapper script using unix.

6.Xyz - Client Description

Xyz is the Capital Markets Data Base and processes loan origination, loan servicing data & pricing data for consumption by downstream LLDM data marts. LODS System contains Home Loan Origination Data and it is updated nightly via feeds from MT, HI, FDM and PeopleSoft. Provides data to LOFDM, TCIM, BSTARS, HL Dashboard & PEP.

Project Description

CMDB & LODS development and maintenance activities includes development and maintenance of Informatica mapping, workflow, UNIX scripting, Oracle SQL.

Roles and Responsibilities

- Analyzed the requirements for various enhancements and provided the high-level estimates. Analyzed the Mapping documents and revised the estimated effort.
- Developed the ETL design document and test plan, test case documents.
- Developed the code changes in the mappings, sessions, workflows as per the requirements.
- Involved in updating the stored procedures, UNIX scripts for various enhancements.
- Developed checklists and Involved in review at all stages of development.
- Involved in SIT / UAT testing activities as per downstream requirements for various releases.
- Involved in performance tuning activities.
- Involved in testing activities for Informatica upgrade from Version 7.1 to 8.1
- Analysis on Production issues and co-ordination in issue resolution.