**LakshmanaRao Sanapala**



Sr Informatica Cloud (IICS/IDMC) Developer.

# PROFESSIONAL SUMMARY

* Working with Cognizant Technology Solutions as an Onshore ETL Lead. IT Professional with extensive 13+ years of experience as ETL Informatica/Reports Developer in Information Technology with Expertise in Developing new ETL Projects Data Warehouse/Data Mart development, Data Analysis for Online Transaction Processing (OLTP) and Data Warehousing (OLAP)/Business Intelligence (BI) applications.
* Played a vital role for over 7+ years on **Informatica PowerCenter** and 6+ years on **Informatica Cloud** **Services (IICS/IDMC)**, handled multiple **ETL** and **MDM, CAI, API** projects and **Informatica Certified**.
* Defined the Trust and Validation rules and match/merge rule sets to get the right master records. Configured match rule set property by enabling search by rules according to Business Requirement.
* Integrated Customer data from different sources to create a Customer Master Data to get best version of truth as golden record.
* Managed development, design, deployment of multiple applications, providing quality data for business intelligence dashboards/reports to the leadership to enable and create an impact on organizations decision making process.
* Handled technical delivery of multiple full life cycle Data Integration implementation and migration projects.
* Developed Data Ware housing Informatica projects with **Hadoop, Hive, Snowflake, Google Big Query, PostgreSQL, Salesforce, Oracle Exadata, Teradata, SQL Server, Netezza, Sybase** and **AWS Redshift** Databases.
* Having Knowledge of Web Services, XML, XSD, SOAP, JSON, REST, ODATA Services and PySpark.
* Expertise in implementing Informatica Cloud projects with **API, CDI - Elastic configuration**
* Working as an onshore lead, have a direct interaction with client and working at client location.
* Close coordination with business to ensure good understanding and alignment with Client IT goals and Requirement.
* Expertise in developing ETL Cloud projects in **Azure** and **AWS** Cloud environments.
* Expertise in implementing complex Business rules by creating complex mappings/mapplets, shortcuts, reusable transformations and Partitioning Sessions.
* Experience in Performance Tuning of sources, targets, mappings, transformations and sessions.
* Developed multiple projects in waterfall and agile development methodologies.
* Good UNIX knowledge, Created & Ran shell scripts in UNIX environment based on client requirement.
* Excellent skills in Data modeling concepts and involved in project data modeling design phase.
* Excellent understanding of Software Development Life Cycle, requirement engineering and dimensional modeling techniques using Star, Snow-flake Modeling.
* Good working exposure to latest technologies like Python, Azure, AWS, Cloud computing.
* Have experience in accurate Datawarehouse design and architecture reports for management and executive teams.
* Manage all phases of project and ensure that the project completed and met business requirements and Prepared Cost estimation Work orders for the new requirements.

**SKILLS**



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| * Informatica Cloud Services (IICS/IDMC) * Informatica PowerCenter * Informatica Power Exchange * Informatica CAI * Informatica MDM * Informatica IDQ * Business Objects * Power BI * Dimensional Data Modeling * Google Big Query * Snowflake * AWS Redshift * Hadoop * Hive * Salesforce * PostgreSQL * Oracle Exadata * SQL Server * Teradata * Netezza * Sybase * Amazon Arora * Guidewire | * AWS Cloud * Azure Cloud * Putty * UNIX * Python * Spark, * PySpark * Kafka * Agile Methodology * JSON * JIRA * Tidal * Autosys * Control M * Tivoli * UC4 * SQL Developer * SQL, PLSQL * Cleo MFT * Shell Scripting * GIT Hub |

**EDUCATION**

* + M.C.A (Master of Computer Applications).
  + B. Sc (Computer Science).

**CERTEFICATIONS**

* + Informatica Certified
  + SAFe5 Developer certified
  + Health care domain certified
  + Insurance domain certified
  + Banking Domain Certified

**EMPLOYEEMENT SUMMARY**

* + Working with Cognizant Technology Solutions for the past 13+ years.
  + Linked in Profile - <https://www.linkedin.com/in/lakshman-sanapala-b7764b38/>

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**ACCOMPLISHMENTS**

* Expertise in executing ETL Informatica projects end to end in AWS and Azure Cloud Environments.
* Played key role in the Territory Management and SM Migration Projects as gathering requirements from Multiple upstream application teams and convert them into technical and created Design and Mapping documents.
* Expertise in implementing complex Business rules by creating complex mappings/mapplets, shortcuts, reusable transformations and Partitioning Sessions.
* Worked on converting Informatica PowerCenter ETL code to IICS using PC to Cloud Conversion service.
* As a ETL Senior developer for one critical project, I had done through due diligence, implemented a model with best practices, worked with cross teams and successfully delivered project with zero defects in UAT and Production support. Client has recognized the efforts and received best cookies award.

**ANNEXURE OF PROJECT EXPERIENCE**

**Project #1. Claims Payloads Conversion and DW Migration, Great American Insurance, June 2021 to Till.**

Environment: Informatica Cloud (IDMC), SQL Server, Snowflake, Oracle, Guidewire, AWS, Qlik

## Project Description:

Implement Claims Datawarehouse in Snowflake database and migrate the data from current Data Warehouse in Oracle

to Snowflake. current data transfer from Guidewire to DW happening in the form of Payloads, all business transformation

  implemented in GW Payloads were implemented in Informatica. CDC process implemented with Qlik. This process

captures the changes from Guidewire tables and refresh silver layer tables. delta data transformation on silver Layer raw

data and persists the transformation data in an intermediate layer. All business transformations implemented Same as

payloads, Only the necessary set of records will be moved forward to the data warehouse.

## Responsibilities:

* + Extensively involved in gathering business requirements and translating them into technical requirements.
  + Analyze the Existing Payloads generation process in Guidewire, payloads transfer and load process of payloads
  + Work on converting current Payloads creation and transfer process into informatica cloud
  + Analyze the current Datawarehouse which is residing in Oracle and migrate this data into Snowflake Datawarehouse
  + Coordinating with team and explain the requirement and Prepare design documents. Responsible for designing and developing of mappings, mapping tasks and task flows for load the data from Guidewire to Datawarehouse using Informatica cloud and tuned mappings for improving performance.
  + Involve in design, coding, unit testing, defect fixing and code migration activities.
  + Handled configuration activities like setup run time environment and create connections, schedules, tasks, mappings,

Task flows and components.

* + Performed Unit testing, Integration Testing, and User Acceptance testing to pro-actively identify data Discrepancies and inaccuracies. Review the code and provide review comments to developers.
  + Maintained daily Tech Tracker for the updates from the team regarding their objects, issues and progress.
  + Ensure all deliverables meet customer delivery deadlines and no slippage in delivery.
  + Attend management meetings for presenting the project status on weekly basis.

**Project #2. Territory Management, Voya Insurance, July 2019 to May 2021**

**Environment:** Informatica Cloud (IICS), CDI, CAI, Hadoop, Hive, Snowflake, oracle, AWS.

## Project Description:

Enterprise Territory Management is implemented to classify territories based on several geographical attributes, named accounts, Industry/verticals or any other criteria that suits the organization needs. Migrate the Informatica power center, BDE technologies applications RCDS, EIP Retail life, Ingenium, EIP annuities, CRM, CRI, Vantage, CK4 and Pacesetter into Informatica Intelligent Cloud services (IICS). Object level changes are being made to incorporate the new Territory Management. IICS components loads data into Snowflake database tables. Reporting application reads data from territory tables and generate reports.

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## Responsibilities:

* + Extensively involved in gathering business requirements and translating them into technical requirements.
  + Worked on converting Informatica PowerCenter ETL code to IICS using PC to Cloud Conversion service.
  + Analyze Existing Informatica BDE & Power center 9.6 ETL logic and Convert into IICS Mapping tasks and Task flows.
  + Coordinating with team and explain the requirement and Prepare design documents.
  + Involve in design, coding, unit testing, defect fixing and code migration activities.
  + Performed Unit testing, Integration Testing, and User Acceptance testing to pro-actively identify data Discrepancies and inaccuracies.
  + Review the code and provide review comments to developers.
  + Attend management meetings for presenting the project status on weekly basis.
  + Ensure all deliverables meet customer delivery deadlines and no slippage in delivery.

**Project #3. Customer Management, CHUBB Insurance, April 2017 to June 2019**

**Environment:** Informatica Cloud (IICS) MDM, Oracle, SQL Server, DB2. Azure Cloud

## Project Description:

Chubb is the world’s largest publicly traded P&C insurance company and the leading commercial lines insurer in the U.S. With operations in 54 countries and territories, Chubb provides commercial and personal property and casualty insurance, personal accident and supplemental health insurance, reinsurance and life insurance to a diverse group of clients. Provide best insurance coverage and service to individuals and families, and businesses of all sizes. Getting data from multiple source systems. Integrate Customer data from different sources and Create Customer Master Data with best version of Data.

## Responsibilities:

* + Worked with business executives in gathering requirements and Translated Business Requirements into MDM’s Technical Requirement Specifications.
  + Prepared Design documents for the Gathered requirements.
  + Defined standard interfaces, Data Profile, metadata acquisition, data migration, validation, pre-landing processing and Reference Entities.
  + Defined the Trust and Validation rules and setting up the match/merge rule sets to get the right master records. Configured match rule set property by enabling search by rules in MDM according to Business Rules.
  + Communicated the requirements and project plan with other team members.
  + Performed match/merge and ran match rules to check the effectiveness of MDM process on data.
  + Used Metadata manager for validating, promoting, importing and exporting repositories from development environment

to testing environment.

* + Integrated Customer data from different sources to create a Customer Master Data to get best version of truth as

golden record.

* + Reported status, milestones, and project plan tracking to project management and project owners on a weekly basis.

**Project #4.Customer Segmentation, CHUBB Insurance, Jan 2015 to Mar 2017** Environment: Informatica 10, Oracle 11g, DB2

## Project Description:

Customer Segmentation is a newly developed application, this application improves the quality of data reported by leveraging the existing Personal Lines (CPI) data sources and combining with the Client data (Client MDM).The improved quality of data allows in better understanding of customers, supporting the business users with better decision making for managing resources based on trend growth, improve customer retention and quality of service Extracted the necessary information from Masterpiece, CAAS, Yacht and Client MDM data sources and created target repository with required data elements. New ETL Informatica components created to process and load data into the relational database to enable business to run its power pivot reports. Reports from the Customer Segmentation repository to build Static and ad-hoc reporting capability to the users

## Responsibilities:

* + Analyze Source Database Objects as per the warehouse Database and Understand.
  + Existing business model and customer requirements.
  + Coordinating with offshore team and explain the requirement.
  + Prepare solution document for the requirements.
  + Coordinate with offshore team and Prepare mapping design documents.
  + Involve in design, coding, unit testing, defect fixing and code migration activities.
  + Developed complex Power Center mappings by using different transformations and components respectively to meet

the data integration and data quality requirements.

* + Handled configuration activities like setup run time environment and create connections, schedules, tasks, mappings, mapplets.

**Project #5. ETL Production Support, LA Care, Feb 2012 to Dec 2014**

**Environment:** Informatica 9.6, Oracle 11g, SQL Server and DB2

## Project Description:

LA Care provides health coverage for the most vulnerable residents of Los Angeles County. L.A. Care also engages with the community and works in partnership with others to elevate health care for all Angelenos. L.A. Care Health Plan is the nation’s largest publicly operated health plan serving more than 2.4 million members. L.A. Care offers four product lines including [Medi-Cal](https://www.lacare.org/node/2426) and [Covered](https://www.lacare.org/node/33437) on the Affordable Care Act exchange. The mission-driven health prioritizes health care quality, access and inclusion, and is committed to advancing [health equity](https://www.lacare.org/node/52731)

## Responsibilities:

* + Resolve ETL functional and system errors as identified by Business Partners.
  + Work with other technical teams to resolve infrastructure related problems.
  + Maintain a good relationship with other technology teams within the client external vendor teams.
  + Worked on P1, P2, P3 and P4 tickets and resolved it with in timelines.
  + Generate, Control, and Resolve incident tickets relating to Production batch and file transmission and Data issues. Handled Multiple Connectivity including Oracle, Text Files
  + Used most of the Transformations such as the Source Qualifier, Aggregator, Web service.
  + Scheduled various daily and monthly ETL loads using Autosys.
  + Improved Performance of mappings by using transformation in proper sequences.
  + Incident management - login, prioritize and resolve incidents and track them against various SLAs.
  + Problem management - resolve recurring incidents permanently, performing break fixes and implementing preventative action items.
  + Change Management - submit change requests, document impact and benefits, obtaining approval by a change control board and manage the implementation.

**Project #6. QCare Migration, Health Net, May 2010 to Jan 2012**

**Environment:** Informatica 9, Oracle 10g, DB2

## Project Description:

The purpose of this project is to migrate the CA Medi-Cal system process from the QCare platform to the ODW platform and retire the QCare system. QCare is a mainframe system. This movement needs to encompass the capabilities that allow Health Net's Medi-Cal processing to meet all applicable requirements of the state and to allow Medi-Cal processing needs to be accomplished through use of the ODW systems. Processing capabilities of the QCare system need to be matched against delivery capabilities of the ODW system. Process and procedure changes are identified and documented. The QCare system will be retired after the required run-out period.