

## P.HARI NARAYANA



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### **PROFILE SUMMARY:**

- Overall **5.0 years** of experience in development of Data warehousing solutions using Informatica Power Center 10.2x & 10.4x, Informatica Cloud.
- Good understanding of Data warehousing and ETL concepts.
- Involved in knowledge sharing and knowledge transfer to the new members of the project & Preparation of knowledge transfer documents.
- Good Experience in understanding business application, business dataflow and data relation.
- Experience in designing and developing mappings from varied transformation logic like Unconnected and Connected lookups, Router, Filter, Expression, Aggregator, Joiner, Update Strategy etc.
- Good Knowledge in Performance tuning of the mappings.
- Good Knowledge in developing Test Plans, Test Strategies and Test Cases for Data Warehousing projects ensuring the data meets the business requirements.
- Good work Experience in SQL, Teradata and UNIX.
- Having good communication skills, Interpersonal relations, hardworking and result-oriented as an Individual and in Team.
- Has extensive experience in requirement analysis, database design, development and Testing.
- Excellent problem-solving skills with a strong technical background and result oriented team player with excellent communication and interpersonal skills.
- Extensively used ETL methodology for supporting Data Extraction, Transformation and Loading processing, in a corporate-wide-ETL Solution using Informatica.

### **TECHNICAL SKILLS:**

ETL Tool	Informatica 10.2x & 10.4x, Informatica Cloud
Operating Systems	Windows, Unix
Application Tools	Autosys, Putty, WinScp, Citrix, Sql Developer
Database	Oracle 11g, MySQL, Teradata

## **EDUCATION QUALIFICATIONS:**

- **B. Com (Computers)** Graduate in **Adikavi Nannaya University, 2016.**

## **PROFESSIONAL EXPERIENCE:**

- Working as **ETL Developer** in **Infosys Pvt Ltd** from **March 2018** to **March 2023.**

## **WORKHISTORY**

### **Project #2:**

**Project Name** : Moonwalk  
**Client** : United Health Group  
**Platform** : Informatica Cloud, Teradata and UNIX  
**Duration** : June 2021 to Mar 2023

#### Key Result Areas:

- Completed 6months of Leap Training in Data Engineering Track which included training on Informatica PowerCenter, Informatica Cloud, Oracle Database, SQL, UNIX, Data Modeling and Data Analysis.
- Successfully built/developed many Data Transformed and Data Masked Solutions as part of the project.

#### Deliverables:

- Created analysis of source systems, business requirements and identification of business rules.
- Extensively used ETL to transfer and extract data from source (Flat files and relational DB) and load the data into target database.
- Developed/designed Informatica Mappings and Workflows by translating the business needs. Worked on various transformations like Lookup, Aggregator, Sorter, Filter, Source Qualifier etc.
- Designed multiple mapplets and reusable transformations to implement the business logic and to load the data incrementally.
- Used Workflow Manager for session management, database connection management and scheduling of jobs to be run in the batch using Control-M job scheduler.
- Used efficient error handling methods and implemented throughout the Mappings.Wrote and executed the performance tuned SQL queries for Data Analysis and profiling.
- Modified Workflows to use parameter files by replacing hard coded database connections.
- Tuned the Mappings by removing the Source/Target bottlenecks and Expressions to improve the throughput of data loads. Used SQL Override in Source Qualifier to customize SQL and filter data according to requirement.

- Worked on migrating the assets from Informatica on-prem to the IICS platform.
- Worked on Informatica Cloud Data Integration Service to create Mappings, Mapping Tasks and Task flows. Used advanced Data Integration features to optimize performance of jobs.
- Used several transformations and Mapplets in Mappings. Worked on using parameter file in a Mapping Task as well as used In-Out parameters for incremental data loading.
- Worked extensively on database objects on Oracle 11g and Informatica to facilitate Data Extraction, Data Migration, Data Transformation and loading.
- Updated/edited the functions, scripts, stored procedures to support application development and identify any issues related to database performance and provide corrective measures.
- Worked on UNIX commands and edited the shell scripts.
- Fixed the assigned High Priority Bugs/Production Issues within specified time.

#### **Project #1:**

**Project : Delphi Sales Data Warehouse**

**Client : Delphi Electronics , USA**

**Platform : Informatica PC 10.2.x, UNIX, Oracle 11g, Flatfiles and Toad**

**Duration : October 2019 – May 2021**

#### **Description:**

Delphi Electronics is a global provider of products, services and solutions to industrial and commercial users of electronic components and enterprise computing solutions. The objective of this project is to provide Sales Analysis and Purchase Analysis reports for Business Decisions. This project involves Business for electronic goods, information of customers etc. The whole process has been automated and the entire extraction, transformation and loading process has been done with help of Informatica. The initial phase of the project was to design a warehouse, create facts and dimensions. The second phase was to map the source and the target data as per the client requirement. The Case Management data mart has been developed to store the data from different sources and will be stored in a Centralized database so that the business user can view the data, analysis the business data and take effective business decision on this integrated data.

#### **Responsibilities:**

- Understanding the Business Requirements and Develop an ETL process to load data from source to target.
- Designed the Mapping Technical Specifications on the basis of Functional Requirements.

- Extensively used Informatica power center for loading the data from sources involving flat files to target as relational table.
- Developing mappings to load data in dimensions and facts using the transformations like source qualifier, lookup, update strategy, router, aggregator, filter, Joiner, expression.
- Managing historical data from various heterogeneous data sources (i.e., Flat files, Teradata and Oracle).
- Developed Slowly Changed mappings like SCD Type 1 and SCD Type 2.
- Developed sessions and workflows in workflow manager.
- Used workflow monitor to monitor tasks, workflows and also to monitor performance.
- Documented mapping and transformations involved in the ETL process.
- Involved in performance tuning of sources, targets, mappings and sessions.
- Analyzed session logs and workflow logs.
- Performed Unit testing as per UTC (Unit test cases).

### **Project: TeachNext Data Warehouse**

TeachNext is an optimal digital classroom solution. It is equipped with award-winning content, innovative tools and unique assessments to make the classroom a fun place to learn in.

TeachNext is the most-used digital classroom in the country.

TeachNext Data Warehouse gives an analytical solution to the various reporting requirements.

**Project : Next Education Ind Pvt Ltd**

**Platform : Informatica PC 10.2.x, Seibel, UNIX Shell Script, Oracle 11g.**

**Duration : Mar 2018 – October 2019**

- Extraction, Transformation and Loading (ETL) of data by using Informatica Power Center.
- Worked on informatica designer tools components – Source Analyser, Transformation, Developer and Mapping Designer
- Developing Informatica mappings & tuning them when necessary

- Developed Informatica mappings and Maplets by using various transformations like **Lookup, Joiner, Expression, Aggregator, Update Strategy, Sorter, Router Transformations etc.**
- Worked with **Mapping Parameters** and **session parameters** to pass the values dynamically.
- Extensively used ETL tool Informatica to load data into Siebel database tables.
- Implemented **Type 1, Type 2** Slowly Changing Dimensions using **MD5 Checksum**.
- Extracted data from heterogeneous sources like oracle and Delimited Flat files Transformed the data according to the business requirement and then Loaded into multiple databases
- Performance tuning of ETL Mappings to reduce loading times
- Writing test cases and preparation of test data and executing unit testing
- Data Loading by ETL mappings and performing required data checks

**Place – Bengaluru**

**HARI NARAYANA.P**

**Date -**