# SHARATH CHANDRA MUSHA

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**Technical Summary**

* Having 3+ Years of total IT experience in the Data warehousing as an Informatica Developer.
* Designed **mappings** using varied transformations like Router, Filter, Aggregator, Joiner, Source Qualifier, Expression, Sorter, Sequence generator and Look Up, Update Strategy transformations etc.
* Designed various Mappings for extraction, transformation and loading of data from heterogeneous source systems like **flat files, Oracle** to centralized Data Warehouse.
* Good Knowledge in End-to-End data warehousing life cycle and good experience in PowerCenter performance tuning.
* Strong knowledge in Data Warehousing, extensively used ETL methodology for supporting Data Extraction, Transformations & Loading processing, in a corporate-wide-ETL Solution using **Informatica 9.X,10.X**
* Strong working experience on Informatica Data Integration Tools –**Workflow Manager, Designer, Workflow Monitor.**
* Having Knowledge in SQL and UNIX Concepts.
* Used SQL tools like SQL Developer to run SQL queries and validate the data loaded into the target table.
* Strong knowledge in Dimensional Modeling concepts and principles - Star Schema, Snowflake, SCD, Surrogate keys and Normalization/De normalization.
* Excellent **Communication skills,** has clear understanding of business procedures and ability to work as an individual and as a part of a team.

**Technical Skills:**

**ETL Tools** : Informatica Power center 9X, 10x

**Database** : Oracle 12g, SQL

**Operating System :** windows, UNIX

**Query Tools :** SQL DEVELOPER

**Scheduling Tool** : Control-M 6.2 Test Management Tool: Quality Center 9.2

**Front End Tool** : Toad.

## WORK EXPERIENCE:

* Worked as ETL Informatica Developer for **Mbit Computraining Pvt. Ltd (TCS Client)** from Sep 2022 to June 2023

## EDUCATIONAL QUALIFICATION

* Bachelor of Technology (B. Tech) from Guru Nanak Institute of Technology in 2017 with an Aggregation of 65 Percentage.

## PROJECT # 1

**Project** : **Axa Solstice. (Copernic Production Support)**

**Client** : AXA Group operations.

**Environment** : Informatica10.1, SQL Server, UNIX.

**Duration** : Sept 2022 to June 2023.

**Description** :

 The common operating platform for European reporting and IFRS consolidation (Copernic) is an application that contains many interfaces to generate COP files through ETL loads. It aims to load Local Integration Layer (LIL) with operational accounting data to ERP Central Component (ECC) after loading feeder and pivot from cacheDB. Copernic data Integration layer (CDIL) receives the files from Local Integration layer (LIL) and formats data into the Integration Document format for posting into ECC via SAP layer. So, in this entire process we have source systems based on MSSQL which are initially loaded in cache through DBMOTO and ETL process based on daily, semi-monthly and monthly frequency. Further they are processed to feeder and pivot and final to target to generate COP files for balance and unbalance documents to be sent to CDIL then these records undergo inbound process by applying business rules from rules table which are updated based on business needs.

**Responsibilities** :

* Worked as Informatica developer for Copernic Production support.
* Identify the issues arise during the run and provide the solution with a workaround for temporary fix.
* If we find any recurring issues, we will analyze the root cause and provide the permanent fix for the issue and deploy the changes in production after extensive testing in test environment.
* Preparing test plans for Unit testing and testing Graphs with Unit test plan strategies and Quality standards.
* Debugging of mappings using all transformations including Normalizer transformation.
* Supports data loading using Informatica.
* Involved in creating mapping and scheduling the data loads into the data warehouse.
* Transformations like Source Qualifier, Lookup (connected & Unconnected), Aggregator, Expression, Stored procedure (connected & Unconnected), Sequences are mostly used.
* Extensively used informatica Tools- Workflow Manager, Workflow Monitor to load data from Oracle OLTP sources into Target oracle 9i Data warehouse.

## PROJECT # 2

**Florida Power and Light (FPL)**

**Title :** DSSRedesign

**Environment** : Informatica, Oracle9i, Windows2000, Business Objects 6.5 and Java.

**Role :** ETL Developer

**Duration :** Aug 2020 - July 2022

**Description:**

DSS Redesign project provides a decision support system to FPL a major Power supply company of Florida, USA. In its activities FPL should submit a set of Indicator reports to the regulatory authorities of Federal Government of Florida, as well as to the customers in the beginning of every operational year. The existing DSS has failed to populate these reports with valid data to meet FPL requirements. Hence to provide a better solution which satisfies the FPL requirements in populating the indicator reports DSS Redesign is designed with good data integrity and processing methodologies.

## Responsibilities:

* Worked as a developer for TCMS Module.
* Construction of Mappings in Informatica for ETL to populate staging as well as warehouse data.
* Debugging of mappings using all transformations including Normalizer transformation
* Involved in data loading using Informatica.
* Involved in creating mapping and scheduling the data loads into the data warehouse.
* Development of type 2 strategies to keep track of historical data.
* Transformations like Source Qualifier, Lookup (connected & Unconnected), Aggregator, Expression, Stored procedure (connected & Unconnected), Sequences are mostly used.
* Extensively used informatica Tools- Workflow Manager, Workflow Monitor to load data from Oracle OLTP sources into Target oracle 9i Data warehouse.
* Preparing test plans for Unit testing and testing Graphs with Unit test plan strategies and Quality standards.