Prasanth N

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Having **6 years** of experience in software development, designing & implementing solutions in database and data warehousing systems in various domains.

Professional with strong technical background, specializing in Informatica, Snowflake and Oracle. Worked with multiple teams across various projects and involved in delivering quality product on time.

# Summary

* Extensively used ETL methodology for supporting Data Extraction, Transformation and Loading processing, in a corporate-wide-ETL Solution using Informatica.
* Extensively worked on Informatica Designer Components **Source Analyzer, Warehouse Designer, Mapping Designer, Transformation Develop, Workflow Manager.**
* Used various transformations like **Source qualifier, Aggregators, lookups, Filters**, **Sequence generators, Routers, Update Strategy, Expression, Sorter** etc.
* Experience in Performance Tuning the mappings.
* Good knowledge in **SQL**
* Worked on various projects involving Data warehousing, Migration projects using Informatica Power Center 8.6 (Workflow Manager, Workflow Monitor, Source Analyzer, Warehouse Designer, Mapping Designer, and Mapplet Designer & Transformation Developer).
* Good work experience in designing Data Warehousing applications, implementations and enhancements of the business applications using Informatica Power Center 8.6
* Proficient in the development of ETL (Extract, Transform, Load) processes with a good understanding of source to target data mapping, ability to define, capture Meta data and Business rules.
* Experience in Performance Tuning and Debugging of existing ETL processes.
* Experience in developing Test Plans, Test Strategies and Test Cases for Data Warehousing projects ensuring the data meets the business requirements.
* Involved in knowledge sharing and knowledge transfer to the new members of the project & Preparation of knowledge transfer documents.
* Excellent problem-solving skills with a strong technical background and result oriented team player with excellent communication and interpersonal skills.

# Experience

* Presently working with TCS, Bangalore Mar-2017 to Till Date

# Qualifications

* **B.E** from JNTU Anantapure-2013.

# Skills

# ETL Tool : Informatica PowerCenter, IICS.

# Supporting tools : Toad, Putty, WinSCP.

# Databases : Oracle, SQL Server.

# Operating Systems : Windows, UNIX

# Current Project

**Project Title :** Sales and Marketing Data Warehouse

**Client :** Best Buy Inc., USA

**Role :** Senior Software Engineer

**Tools :** SQL, Informatica PowerCenter, Data Wearhouse, Unix

**Description**

Best Buy Inc. is the largest electronic retailer in USA for consumer electronics, home office equipment, Entertainment software and applications it has under its fold, the following companies, Sun Coast, on cue, Magnolia Hi-Fi, Music Land & future shop. Every day its OLTP data is bought into its huge Data warehouses. This data is cleaned and summarized and projected to the senior management using DSS.

**Responsibilities**

* Extract data from multiple source systems by creating mappings using various Transformations to build business rules to load data into the target systems.
* Used mapping designer and Mapplet to generate different mappings for different loads.
* According to the business requirements applying of Source Qualifier, Filter, Joiner, Expression, Aggregation, Lookup and Updated Strategy transformations extensively.
* Responsible for Extracting, Transforming and Loading data from Oracle, Flat files and placing it into Data warehouse.
* Involved in creating sessions, Workflows and Work lets.
* Used Workflow Manager to create tasks for scheduling, monitoring and sending the messages in case of process failures.
* Performed unit test cases for all business scenarios

**Previous Projects**

**Project Name** Sales analysis system

**Client** Allergan, USA

**Role** Team Member

**Tools** SQL, Informatica PowerCenter, Unix

**Description**

Allergan is the leading maker of eye care, skin care and prescription-based pharmaceutical products in USA. The company’s eye care products include medications, surgical equipment, contact lens cleaners, and intraocular lenses (used to replace the eye’s natural lens during cataract surgery). The company’s skin care products include treatments for acne and psoriasis. Sales outside the U.S. make up nearly half of Allergan’s revenues.

**Responsibilities**

* Understanding the Business Data Mapping requirements and preparing the Tech. Design documents.
* Developed Informatica Power Center mappings using transformations such as the Source qualifier, Aggregator, Expression, lookup, Filter, Router, Rank, Sequence Generator.
* Developed complex mappings using transformations such as the Source qualifier, Joiner, Aggregator, Expression, Connected Lookup, Unconnected Lookup and Router transformations.
* Created Mapplets using Mapplets Designer to reuse Mapplets in the mappings
* Developed Informatica workflows and sessions associated with the mappings using Workflow Manager.
* Carryout Review and Unit testing for the mappings developed.
* Developed mapping to load the data in slowly changing dimension.

**Project Name** Data warehouse for Motor Insurance

**Client** Abbey National, UK

**Role** Team Member

**Tools** IICS, Informatica Power center, Redshift, Data wearhouse.

**Description**

Abbey National is UK based Insurance Company, is one of the largest insurance providers for home insurance, Motor insurance, and Travel insurance and Card insurance. This project involves building of data ware housing for Motor insurance

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**Responsibilities**

* Extensively used Informatica Client Tools - Source Analyzer, Warehouse Designer, Transformation Developer, Mapping Designer and Mapplets Designer to develop mappings.
* Used designer debugger to test the data flow and fix the mappings.
* Performed Data Extractions, Data Transformations, Data Loading, Data Conversions and Data Analysis.
* Working on different transformations like Source Qualifier, Lookup, Joiner, Aggregator, Expression, Filter, Router, Sequence Generator, Update Strategy etc.
* Involved in creating Sessions & Workflows.
* Developed workflows and tasks using Informatica Power Center Work Flow Manager.
* Documented the purpose of mapping so as to facilitate the personnel to understand the process and incorporate the changes when necessary.
* Developed mapping to load the data in slowly changing dimension.
* Involved in Unit Testing.