

**Venkata Sumanth A**

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**Informatica Developer**

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## **PROFESSIONAL SUMMARY**

- Over 5+ years of experience of Development and implementing data warehousing applications.
- Good Technical and Functional experience in Decision Support Systems – Data Warehousing, ETL development using **Informatica Power Center**.
- Extensively used **Informatica Power Center (9.X/10.X)** for **ETL (Extraction, Transformation and Loading)** of data from multiple source database systems to Data Warehouses in **UNIX/Windows** environment.
- Solid understanding of **Data Warehousing life cycle** and strong working experience on Data Warehousing applications.
- Directly responsible for the **Extraction, Transformation and Loading** of data from multiple sources into Data Warehouse using **Informatica Power center**. • Extensively worked on **Informatica Designer Components** -Source Analyzer, Warehouse Designer, Mapping Designer & Maplet Designer, Transformation Developer, Workflow Manager and Workflow Monitor.
- Developed complex mappings in **Informatica** to load the data from various sources into the Data Warehouse, using different transformations like Joiner, Aggregator, Update Strategy, Rank, Router, Lookup - Connected & Unconnected, Sequence Generator, Filter, Sorter, Source Qualifier, Stored Procedure transformation etc.
- Experience in Database Design, Entity-Relationship modeling, Dimensional modeling like **Star schema and Snowflake schema**.
- Strong experience in Slowly Changing Dimension Mappings of **type I, II and III**. • Implemented **Performance Tuning techniques** at various levels such as Source, Target, Mapping, Session levels.
- Highly motivated, energetic individual and a very good **team player** and having excellent **communication and interpersonal skills**.

TECHNICAL SKILLS	
ETL	Informatica PowerCenter 9.x/10.2/10.4 , IICS
Databases	Oracle 10g/11g/12c
Query Language	Oracle SQL/PL-SQL
Tools	SQL Developer, Informatica PowerCenter, Putty, ControlM , IICS
Environment	Unix and Windows

## EDUCATION

- B.com Computers from Acharya Nagarjuna University in 2012.

## PROFESSIONAL EXPERIENCE

- Working in **Teksystems India Private Limited** from **April-2024** to **Till Date**.
- Worked in **Sapiens Technologies(1982) India Private Limited** from **August-2022** to **October - 2023**.
- Worked in **Tiger Analytics Pvt ltd**, Bangalore from **July-2021** to **August-2022**.
- Worked in **Agnes Softech pvt ltd**, Bangalore from **Sept-2018** to **June-2021**.

## PROJECT#1:

**Project Title:** People Analytics.

**Client:** Schneider Electric

**DURATION:** April-2022 to Till Date.

**ROLE:** Senior ETL Developer.

**TECHNOLOGIES:** Informatica PowerCenter 9.6.1/10.2

/IICS/Oracle 11g/12C, Windows Server 2008/WinSCP

## Responsibilities:

- Designed, developed, and tested ETL processes using Informatica PowerCenter to facilitate the seamless extraction, transformation, and loading of data from diverse source systems to target databases.
- Conducted data integration from multiple sources, including databases, flat files, and APIs, ensuring data accuracy and consistency throughout the ETL lifecycle.

- Implemented robust data quality checks, error handling mechanisms, and data cleansing routines within ETL workflows to uphold high data integrity standards.
- Optimized ETL workflows and SQL queries for performance, identifying and addressing bottlenecks to enhance overall data processing efficiency.
- Created comprehensive technical documentation, including ETL specifications, data mappings, and process flow diagrams, to streamline understanding and maintenance of ETL processes.
- Collaborated closely with cross-functional teams, including data analysts and business stakeholders, to gather requirements, troubleshoot issues, and deliver tailored ETL solutions aligned with business needs.
- Ensured compliance with data governance, security, and regulatory requirements, upholding industry standards within ETL development practices.
- Provided ongoing support for production ETL workflows, troubleshooting and resolving data integration issues while contributing to incident management and root cause analysis.

## **PROJECT#2:**

**Project Title:** IFFCO-TOKIO GENERAL INSURANCE COMPANY LIMITED

**Client:** ITGI

**DURATION:** August-2022 to Oct-2023.

**ROLE:** Senior ETL Developer.

**TECHNOLOGIES:** Informatica PowerCenter 9.6.1/10.2

/IICS/Oracle 11g/12C, Windows Server 2008/Winscp

## **DESSCRPTION:**

Iffco-tokio General Insurance Company Limited is a Non-govt company, incorporated on 08 Sep, 2000. It's a public unlisted company and is classified as 'company limited by shares'. Company's authorized capital stands at Rs 40000.0 lakhs and has 68.55457% paid-up capital which is Rs 27421.83 lakhs. Iffco-tokio General Insurance Company Limited last annual general meet (AGM) happened on 30 May, 2017. The company last updated its financials on 31 Mar, 2017 as per Ministry

of Corporate Affairs (MCA). Iffco-tokio General Insurance Company Limited is majorly in Business Services business from last 23 years and currently, company operations are active.

**Responsibilities:**

- Interacted with Business Analysts to understand the requirements and the impact of ETL process on the business.
- Enhancement of existing codes as per the change in business requirement to provide expected data to user.
- Hands on debugging the issues.
- Designed and developed mappings using Source qualifier, Aggregator, Joiner, Lookup, Router, Sequence generator, Expression, Filter and Rank transformations.
- Created parameters and variables for incremental data loading effectively using Informatica workflow manager.
- Working with execution of the scheduled jobs by using CA Workload Automation Scheduler.
- Prioritized and handled multiple tasks during Year End Activities.
- Analysed business requirements, performed source system analysis, prepared technical design document and source to target data mapping documents.
- Responsible for the incremental enhancements and maintenance of various modules in the project
- Fine tuning the mappings and reduced the load time.
- Responsible for performance monitoring during the UAT Phase.
- Carrying out code changes and implementing them in production.

**PROJECT#3:**

**Project Title:** Pacific Life Insurance

**Client:** Pacific Life Insurance

**DURATION:** July-2021 to August-2022.

**ROLE:** Senior Software Engineer

**TECHNOLOGIES:** Informatica PowerCenter 9.6.1/10.2 Oracle  
11g/12C, Windows Server 2008.

**DESCRIPTION:**

**Pacific Life Insurance Company** is an American insurance company providing life insurance products, annuities, and mutual funds, and offers a variety of investment products and services to individuals, businesses, and pension plans. In 2001, Pacific Life became majority shareholder of Aviation Capital Group (ACG) which owns, manages, and leases commercial jet aircraft internationally, and offers

aircraft asset management services. In August 2019, ACG said its equity value was \$3.6 billion. In September 2019, it was reported that Pacific Life Insurance will sell its aviation unit for an estimated \$3 billion to minority stockholder Tokyo Century Group, which owns 24.5% of Aviation Capital Group.

#### **Responsibilities:**

- Collaborated with Business analysts for requirements gathering, analysis, ETL design and development for extracting data from the heterogeneous source systems like Oracle, flat files, XML files and loading into Staging and Data Ware House Star Schema.
- Understanding the Business requirements in designing the data warehouse.
- Extensively worked with **transformations** like **Lookup, Update Strategy, Expression, Filter, Router, Joiner, and Aggregate**.
- For better performance, extensively worked on SQL over ride in Source Qualifier Transformation
- Developed **Joiner transformation** for extracting data from **multiple sources**.
- Used Update strategy and Target load plans to load data into **Type-2 /Type-1 Dimensions**.
- Expertise in dimensional modelling to design and develop the **STAR Schema** using **Erwin**.
- Developed mappings for Product, Customer, Type, Transaction, Demand dimensions, implementing the ETL logic provided as a part of the Technical Specification in the Project.
- Developed mappings using Informatica to **load data from sources** such as **Relational tables, Flat files, Oracle tables** into the target Oracle tables.
- Implemented **slowly changing dimension** in various mappings.
- Used Incremental Aggregation technique to load data into aggregation tables for improved performance.
- Created and used **reusable Mapplets** and transformations using Informatica Power Center.
- Created data break points and error break points for debugging the mappings using **Debugger Wizard**.
- Created **session** and **work flows** to help schedule mighty loads and process data from all source.

**Environment:** Informatica Power Center 9.6.1, Data Stage 8.0, Power Exchange, Oracle 10g

#### **PROJECT#4:**

**Project Title:** DELTA Airlines data warehouse

**Client:** DELTA Airlines, USA.

**DURATION:** July 2019 to June 2021

**ROLE:** ETL Developer.

**TECHNOLOGIES:** Informatica PowerCenter 9.6.1/10.2 Oracle  
11g/12C, Windows Server 2008.

**DESCRIPTION:**

DELTA Air Lines is a US based airlines service, provides Domestic and International services from USA. The scope of the project is to find out passenger details who travelling indifferent dates in domestic and international level, booking details, seat available details and post and scheduled flight details, etc. And also find out booking conformation, seat conformation, and booking cancel details, seat chart details, flight arrival and departure details, flight leg and segment details.

**APPLICATION SCOPE:**

- Extract data from source systems containing post flights and scheduled flights, booking and seat available details and integrate them and then load to the staging database.
- Extract data from staging database and maintain most historical data in the data warehouse.

**RESPONSIBILITIES:**

- Understand business requirements, sources and dimension data models for target. • Involved in preparing mapping specifications as per the requirement. • Created staging mapping to extract various levels of data available in the source and loaded to the staging database.
- Created SCD-Type.2 mapping to maintain current data and most historical data based on indications using mapping designer.
- Created complex mapping for fact table loading with the reference of dimension tables. • Created workflow to run all mappings at a time and observed status in the workflow monitor at mapping level and session level.
- Involved in unit testing with various test cases.
- Involved in performance tuning at mapping level and session level.

**Project#5:**

**PNC BANK, USA**

**Sept 2018– June 2019**

**ETL Consultant**

PNC Bank is one the largest banking and mortgage lending companies. The CRM operations of the company involved channeling of various offers. The customer data is imported from various sources into Customer management system (CMD), which is a data warehousing system where information is brought into and processed. CMD is used by reporting and marketing teams in collecting relevant customer information, and creating the selective offers for the customers. Informatica Power Center tool was used to load strategic source data into CMD.

**Responsibilities:**

- Extensively used Informatica Power center for extracting, transforming and loading data from relational sources and non-relational sources.
- Extensively used the transformations **Sequence Generator, Expression, Filter, Router, Sorter, Rank, Aggregator, LOOK UP (Static and Dynamic), Update Strategy, Source Qualifier, Joiner.**
- Developed **Informatica mappings, re-usable transformations, re-usable mappings** and Mapplets for data load to data warehouse.
- Developed Mappings using Designer to extract, transform data according to the requirements and loaded into database.
- Handled **slowly changing dimensions of Type 2** to populate current and historical data to Dimensions and Fact tables in the data warehouse.
- Setting up Batches and sessions to schedule the loads at required frequency using Power Center Workflow manager.
- Performance tuning of OLTP and DW databases
- Designing Star schema and Snowflake schema using **fact tables and dimensional tables.**
- Designed, modeled, developed ETL software for a data mart in **Informatica** • Designed and developed complex **aggregate, join, look up** transformation rules (business rules) to generate consolidated (fact/summary) data identified by dimensions using

Informatica ETL (Power Center) tool.(DCA)

**Environment:** Informatica PowerCenter 9.1/10.2, Oracle 11G/12C, SQL, PL/SQL, Windows, UNIX.

Location: Bangalore.

Date: (Venkata Sumanth A.)