



GAYATHRI S

LEAD CONSULTANT,
DATA ENGINEERING

EXECUTIVE SUMMARY



Highly motivated and goal oriented professional working with **Gain-Insights as Lead Consultant** in the area of **Data Engineering** that would best utilize my **Eight plus years of experience**. I am currently working in ETL solutions to **“Health Care domain”** related project and my Primary technological forte is **Talend (ETL)** and I am having hands on experience on **Talend, SSIS, Informatica Power Center, Qlik Data Integration (Qlik replicate and Qlik Compose), Oracle SQL Developer, MSSQL, Aurora, and Snowflake DB.**

Roles and Responsibility

- Requirements Gathering, Data Analysis, ETL Designing and load data into target
- Need to analyze and fix if any issues encounters in the developed jobs
- Unit Testing
- Code Review, Code deployment and Monitor
- Preparing BRD, Functional requirement documentation, Mapping document for all the requirements
- Mentoring the Junior resource

Key Projects

Project - 1 : Manufacturing - Fragrance and Flavors || Private || Talend || Snowflake

- Overall project scope is to load SAP Supply Chain data into Snowflake db with near real time of transactions.
- SAP BAPI has written from ABAP side and it is called from Talend to load the data into AWS S3 as csv files which then further moved into Snowflake DB which will be act as a Data warehouse .
- Using Snowflake feature “Snow Pipe” when a file is placed into S3 bucket immediately it is read by the Snow Pipe and using copy command it will be loaded into Table.
- Using Stream CDC is captured and implemented.
- There are some procedures written to fulfil the business requirements and those procedures were scheduled using task and task tree to load the data into Data marts Build.
- Those data can be further utilized by the application to show the recommendation to the global planners and users to decide on the further Planning for the process.

CONTACT:

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MY EXPERTISE

Project Domain :

- Manufacture
- Banking
- Communication
- Health Care

TECHNOLOGY

ETL TOOLS:

- Talend
- SSIS
- QDI
- Informatica Power center

DATABASES:

- Oracle
- MSSQL
- MYSQL
- Postgres
- Snowflake
- Aurora

CERTIFICATION:

- SNOWPRO Core
- Talend Data Integration Certificate for developer

EDUCATION:

Bachelor of Engineering in
Electrical and Electronics

Project -2 : Banking Domain|| Government Bank|| QDI (Replicate + Compose)|| MSSQL/Oracle DB

- Understanding the requirements from the Business and convert those requirements into data points and documentation which will be useful for business user's to sign of the understanding before starting development phase.
- Using Qlik Replicate, Replicate the legacy data available in MSSQL database and store it in the new database with near real time data.
- With the help of Qlik Compose created the data model based on the requirements provided and finally moved the data into a new the data warehouse,from there different data marts are created to satisfy certain business needs.
- Having exposure to different end points creation, data replication,data warehouse and data mart creation and maintenance of QDI jobs.
- Whenever the source data is changed the Qlik replicate job will move the data into the staging layer from there the compose job will pick the data as per the data model the data will be stored into the data warehouse for further consumption by downstream application

Project -3 : Health Care - Government Health care Facility - Abu Dhabi || Government|| Informatica Power Center|| Oracle DB

- Different csv files will be sourced from the source system and placed it in the Informatica server, the Informatica jobs are designed to pick the file, do the required transformation by applying business logic and load it into the target Oracle DB.
- After Loading the data in the DB , certain requirements are written in View to satisfy the business logic and this can be consumed by the downstream application.
- More reusable maplets and worklets are created to make the job generic and can be used in various purposes.
- Co ordinate with business user's to get the requirements and as per the requirements the jobs are designed and developed

Project -4 : Retail - Malabar Gold || Private|| SSIS || MSSQL

- Different product and Sales details for Gold and Diamond are stored in different source system across different location.
- SSIS packages has been created to load the data into MSSQL DB with proper data model based on the business requirements.
- History Data load is done using the specific rules created within the SSIS package.
- After all the calculation and logic implemented the final data is stored into the DB
- SSRS is used to show their Sales and distribution, Profit and loss data in the dashboard for the business validation and insights.

Project -5 : Manufacturing - Chemical and Shipping || Private || Talend || MSSQL

- To load profit and loss data for different companies of the organization on daily and monthly basis into MSSQL database.
- The data for daily Profit and Loss were sourced from SAP database To retrieve the data from SAP system , SAP connection was created and all the required tables were retrieved from the database and used in Talend maps

Project -6 : Banking || Private || Talend || Different File format

- To convert various banking format files into common format that is required by the Client after applying all business rules.

Project -7 : Communication- Billing Transformation Program || Private || Talend || Oracle

Data Migration:

- To achieve the migration of entire customer, product and service related data from different data sources of different Communication region into a common format in Oracle database using Talend ETL tool. Data is stored in database after apply the required business rules provided by customer.

Data Quality:

- All the customer data needs to be profiled, For that depends on various business rules different analysis were created to check the quality of the data and reports used to generate for those analysis. Later using data integration, jobs were build for data cleansing to get cleansed customer data.

Organisation Details :

SNO	Company Name	Joining date	Relieving date
1	LTIMINDTREE	25 Sep 2023	Till date (Current Organisation)
2	GainInsights Solutions Private Limited	21 Mar 2018	22 Sep 2023
3	Polaris Consulting & Services Ltd (A Virtusa Company)	13 Nov 2017	19 Mar 2018
4	Cognizant Technology Solutions India Private Ltd	26 Mar2015	10 Nov 2017

Educational details:

Degree	Institute	Major and Specialization	Aggregate (%)	Passed Out
B.E.	K Ramakrishnan College of Engineering University : Anna University	Electrical and Electronics Engineering	83	April 2014
XII	Savirti Vidya Sala Hindu Girls' Higher Secondary School	MPC, Computer Science	79.75	March 2010
X	Savirti Vidya Sala Hindu Girls' Higher Secondary School		91.2	March 2008

Personal Details:

Date of Birth	: 22nd May 1992
Sex	: Female
Nationality	: Indian
Marital Status	: Married
Permanent Address	: No 9B,Ninth floor, Bhagyam LakeShore Appartment, 200 Reet MMRD Radial Road, Echangadu Signal, Keelkatalai.
Local Address	: Chennai,India
Languages	: English, Tamil

I hereby declare that all the above details furnished above are true to my knowledge.

Date:

Place: (GAYATHRI S)