

Mitra Manohar Sai Katta
Data Engineer at Maltem Australia

Email: mitra.katta@gmail.com
Contact: +61 469385490
Current Location: Sydney, Australia

Professional Summary:

- A competent professional with 4+ years of experience in Admin activities, implementing Big Data Integration and Data quality business logic and business/functional requirement analysis, design, development and testing of Hadoop, Spark, Hive and Talend Big data DI ETL tools.
- Certified in **Talend Data Integration** and **Talend DI Administration**.
- Having good hands on experience L2 support, to resolve the critical issue on time limits.

Technical Skills:

- ETL Tools: Talend Bigdata 6.1,6.2.1,6.4.1, Azure Data Factory
- Languages: SQL, HQL, Python
- Ecosystem: Pyspark, Hadoop
- Platform: Databricks Unified Analytics Platform
- Database: Oracle 10g/11g,Sysbase,Hive
- NOSQL: Cassandra.
- Tools: TOAD, Control-M Scheduling tool
- Cloud: AWS, Azure
- Operating Systems: UNIX and Windows

Education:

- Bachelor of Technology in Computer Science from SRM University, Chennai, Tamil Nadu (2011-2015)
- Master of Information Technology in Networking from Central Queensland University, Sydney (Nov2018/JUI2020)

Professional Experience:

Project No: 1

Project title: CAPITAL End to End

Client: Macquarie Bank

Company: Maltem Australia

Duration: Aug/2021 to Present

Project Description:-

Macquarie bank has Banking and Financial Services Group with expertise in Wealth Management, Personal and Business banking. New UQS requirements are built as part of current state to meet APRA timeline for the minimum capital adequacy ratios in order to perform calculations of risk weight assets that includes IRB (Internal ratings-based) approach for the calculations on risk weight assets and the other approach is Standardized approach (SA).

Responsibilities:-

- Jobs built using Spark, Hive (HQL) and TALEND ETL with Big data.
- Practicing Data Vault modeling techniques in the (Enterprise Data Warehouse) EDW agile.
- Orchestration of jobs with Airflow DAGs.
- Creation of Control-M scripts in order to trigger the Airflow DAGs.
- Using the existing bamboo pipeline, SQL framework and Bit bucket for the build process.

Project No: 2

Project title: SAHARA lulu

Client: HP

Company: Cap Gemini, Bangalore, India

Duration: Jul/2017 to Aug/2018.

Project Description:-

This system is used for managing the incentives given to the sales representatives of HP. HP has many clients who buy products like printers, laptops and desktops. Clients are connected to HP through sales representatives. The more sales representatives sell to clients, the more will be their incentives. The system captures transactional data coming from different zones all over the world. This data is processed based on certain rules and final information is sent to another system called Credit and pay. Credit and Pay engine will calculate the incentives for sales representatives.

Responsibilities:-

- Development of pipelines, Linked services, Datasets in ADF (Azure Data Factory) to achieve business scenario.
- Configuration of Azure Cloud services that includes Azure Blob, Azure SQL Db, and Azure data lake store.
- Orchestration of jobs with ADF pipelines using tumbling window triggers.
- Creating Azure Data Bricks Pyspark notebooks to run in sequential or parallel.

Project No: 3**Project title:** EDH 2.0**Client:** TE Connectivity**Company:** Cap Gemini, Bangalore, India**Duration:** Mar/2016 to Jul/2017**Project Description:-**

TE Connectivity Ltd, formerly Tyco Electronics Ltd, designs and manufactures connectivity and sensor solutions for a variety of industries including automotive, industrial equipment, data communication systems, aerospace, defense, medical, oil and gas, consumer electronics, energy and subsea communications. The company serves customers in more than 150 countries.

Responsibilities:-

- Ingested data from Oracle into Hive using Sqoop scripts and processing the data from Hive using Talend spark DI and converted into Visualization views for performing analytics using PowerBI.
- Jobs are scheduled and triggered using Control-M tool.
- Visualization views are created and loaded data with different segment level group access.
- Performed error handling, evaluated job execution, and also gathered job level and component level metadata using various components.
- Published, triggered and deployed jobs in TAC using Job conductor.
- Worked on Parent and child job relation to simplify the complex jobs.

Talend Administration Activities:-

- Installation and configuration of Talend modules TAC, Command Line, Nexus, Studio, job-server and Studio from version 6.2.1 to 6.4.1.
- Creating projects, adding users to project, granting permissions.
- Kerberos Authentication set up on the Talend machine.
- Created new URL monitor configured in Sitescope for monitoring the DEV environment Talend Administration Center (TAC).
- Alert triggered on mount directory when the usage reaches 85%

Project No: 4**Project title:** Inbound & Outbound**Client:** Element corp.**Company:** Cap Gemini, Bangalore, India**Duration:** Jul/2015 to Mar/2016**Project Description:-**

At Element Fleet Management, we deliver end-to-end fleet management services to organizations in a wide variety of industries. We have the best systems and the brightest minds to empower extraordinary results for our customers. Our unparalleled investment in world-class tools and technologies—along with our relentless commitment to customer collaboration— provide fleet managers with several extraordinary advantages.

Responsibilities:-

- Main Frame systems with flat files and delimited files are extracted and transformations are performed and loaded into HDFS, Cassandra, Sybase using Talend Data Integration.
- Developed big data batch jobs, to track vehicle info and analysis.
- Prepare transformation specifications by converting ETL informatica jobs to Talend ETL jobs.
- Designing Talend ETL jobs by Converting PL/SQL procedures & packages.
- Loading the bulk data from Sybase into Cassandra stage and warehouse tables by different load strategies.
- Deployed Talend jobs into TAC and Scheduling jobs by using Autosys and TAC.