**Ramya Sheetal Ramaraju**

**Senior ETL Developer / Team Lead / Data Engineer**

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**PROFESSIONAL SUMMARY**

* **13 + years** of experience in IT Industry in design, development, and support on various enterprise applications viz **ETL, ELT, Big data, BI** and **cloud technologies**
* **13+ Years** of experience in closely workingand understanding their requirements in the domain of **Banking, Healthcare and Retail segment**
* Extensive development experience in Extraction, Transformation and Loading of the data from multiple sources into Data warehouse. Well versed with various **Ab Initio parallelism techniques**.
* Extensively performed Testing, Debugging, Troubleshooting, Monitoring and **Performance** **Tuning of Ab Initio** graphs.
* Extensive **exposure to multiple relational databases including Oracle, SQL, DB2 & Teradata**
* Extensive experience in **Data warehousing applications (ETL) using Ab Initio GDE**, Co-operating System and **UNIX/Linux** operating system Experience in developing wrapper scripts for scheduling **Ab Initio Graphs**.
* Very good knowledge in developing automation scripts using UNIX.
* Experience working on **Data Lake projects - Abinitio** integration with **HDFS and HIVE.**
* Experience in implementing the business rules in **Ab Initio (GDE),** Worked with sources like mainframe EBCIDIC and XML files.
* Extensive experience in **Data warehousing** and big data tools using **Ab Initio**, **Informatica PowerCenter 10x/9x/8x**, **Informatica Data Quality**, **IICS**, **Hadoop**, **Hive**, **Python**, **Spark** technologies.
* Good knowledge on **AWS tools like EC2, S3, Athena, Glue**.
* Experience on developing projects in **Waterfall** and **Agile** methodologies.
* Good knowledge on **Hadoop ecosystem data lake and OLAP architecture**.
* Extensive experience in implementation of **Data Cleanup procedures**, transformations, Scripts, Stored Procedures, and execution of test plans for loading the data successfully into the targets.
* Proficient in understanding business processes/requirements and translating them into technical requirements.
* Good experience in fine tuning **Hive, Spark, database queries and Informatica code**.
* Exposure on **Data Warehousing, Data Lake and Cloud architecture**.
* Good knowledge on **Teradata, Oracle, SQL server, Athena and basics of Snowflake**.
* Experience on **GIT and CICD** pipelines.
* Worked on migrating data from **on-prem data lake** to **AWS S3** using different APIs.
* Worked on integrating **S3 files** with **AWS Athena**.
* Having very good communication skills, analytical thinking, interpersonal skills, with ability to interact with individuals at all levels and worked on end-to-end project life cycle.
* Capable of working independently, as well as a team player.
* Received multiple appreciations form Source ED for project handled during COVID time and Received GOTF award twice from JPMC.

 **EDUCATION**

#  Post Graduation in Master of Computer Applications (MCA) from Osmania University in 2010

**TECHNICAL SKILLS**

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| --- | --- |
| **ETL Tools** | **Ab-Initio GDE 3.x.x**, Operating System 3.x, 4.x, Ab-Initio GDE,**Informatica PowerCenter** 9.x, 10.x, Control Centre, Express IT, Glue Analyzer, Data Warehouse Designer, Mapping Designer, Mapplet, Transformation Developer, Repository Manager, Workflow monitor), AWS, Hadoop |
| **Databases** | Oracle 10g, Netezza, AWS Athena, AWS Redshift, Hive, MS SQL Server, MongoDB |
| **DB Tools** | Toad for Oracle, Oracle SQL Developer, SQL, Oracle SQL Plus |
| **Operating Systems** | Windows XP/7/10, UNIX, MS-DOS |
| **Scheduling Tools** | IBM-TWS, Oozie, Control-M, Autosys, Tidal |
| **Office Suite** | MS Word, MS Power Point, MS Excel, MS Access |
| **Languages** | Oracle SQL, UNIX shell scripting, TOAD, SQL server management studio, INTELLIJ, Hive, SQLPL/SQL, Windows batch scripts |
| **Version Control Tools** | Ab Initio EME |
| **AWS** | AWS Glue, AWS S3, Athena, AWS Redshift, CloudWatch |

**PROFESSIONAL EXPERIENCE**

**L Brands Inc, Columbus, Ohio May’2024 to Till Date**

Role: Sr. ETL Informatica MDM Developer

Project

Description:- L Brand Inc. operated a specialty retail business focused on intimates and other apparel , personal care. Based in Ohio, the company was founded by Leslie. L Brands Later changed to Bath & Body works in Aug 2021 . Company has leading development initiatives to create or expand on predictive modeling methodologies and automated modeling pipelines to support multiple business areas including Marketing, Finance, MP&A, etc:

Responsibilities:

* Understanding the functional processes in the client’s existing models
* Participated in initial architect discussions regarding the planning and implementation.
* Designed complex data flow mappings using Informatica.
* Worked on Informatica MDM to design , develop, test and review & optimize informatica MDM.
* Worked with clients to incorporate and implement results into current and future strategies.
* Involved with data steward team for designing , documenting and configuring informatica data directory for supporting management of informatica MDM data.
* Created mapping using Informatica power center and loaded the data to pre landing area/tables.
* Worked on different source systems like files, XML and COBOL files,
* Created data validation documents, technical specs, unite test documents.
* Worked with production support team for fixing failures in production.

**JP MORGAN CHASE, Hyderabad June’2017 to Apr’2024**

**Role: Sr. ETL Informatica Developer / Data Engineer**

# Project: DECO - CB

# Description:

# DECO - Data Ecosystem is Data ware housing for Customer and Consumer banking. CHNL\_OLM deals with Customer data transactions from all the channels ATM or Online mobile banking or Teller machine Comes in to CHNL-OLM mart and is used in reporting purpose.

# Responsibilities:

* Understanding the functional processes in the client’s existing models
* Participated in initial architect discussions regarding the planning and implementation.
* Designed complex data flow mappings using Informatica.
* Handled multiple performance related issues using Informatica/Ab Initio/Teradata/Spark code.
* Worked on different types of relational/flat files/Mainframe/xml using Informatica and Ab Initio.
* Worked on Teradata utilities like BTEQ, Fast Load, MLOAD and TPT.
* Improved performance in Teradata code.
* Supported dataflows using Informatica and Ab Initio.
* Acted as offshore lead, Data analyst and worked on multiple releases parallelly.
* Improved performance tuning in existing code where jobs are running long hours.
* Actively participated in Spark and AWS POCs.
* Using PySpark Converted legacy code into Spark framework.
* Experience on QA testing using SQL, negative testing, automation test with PRANA.
* Experience in modelling tables using Erwin and validate using Model Boost.
* Worked with MSA team to get the work done using target state architecture (Spark).
* Worked with different source teams to analyze the requirements for moving to new Data Center.
* Created CICD pipelines using Jenkins.
* Worked on creating jobs using Control-M, Autosys and knowledge on Apache Airflow.
* Worked on different placement APIs to move data from Hortonworks to AWS.
* Extensively used DPL (Chase spark framework) for ingestion and semantic operations.
* Worked in Agile methodologies and acted as Scrum Master when needed.
* Worked on Kafka and integrated it with Hive using Ab Initio and UDS framework.
* Migrated master and transaction data from on-prem Hadoop into Snowflake.
* Worked on integrating S3 data with Snowflake using snow pipe
* Worked on provisioning the data in AWS Athena.

**Environment**: Informatica, Teradata 15, Hadoop, Ab Initio, Hive, Java, Spark, PySpark, S3, Glue, Athena, GIT, Jenkins, Hortonworks, Kafka, Snowflake

# Project: Auto Letters (Doc-Data) June 2017 – March 2019

# Description:

Auto Letters program is to migrate Auto Application letters to a centralized letter system for all auto letters composition, distribution, imaging and archiving. Doc-Data gets data form different sources which will be processed for each letter and loaded to DOC Data target system and then based on the business logic letters will be send to Centralized Document engine for distribution to customer.

# Responsibilities:

* Source File Validation and loading data to Stage tables using Informatica mappings.
* Preparation of UTP (Unit Test Plan) with all required validations and test cases.
* Prepared Detailed Design Documents for the flow.
* Handled project in Agile mode. Code migration using GIT (Unix, Informatica and DB objects). Logged worked in JIRA.
* Worked in Unix scripting, database procedure and Informatica mappings.

**Environment:** Informatica, Teradata, Unix, GIT, Control-M

**Accenture, Hyderabad**

**Role: System Engineer / Sr. AWS ETL Informatica Developer (Team Lead)**

Project: Bio-Gen **March 2016 – June 2017**

**Description:**

**Biogen is a pharmaceutical & insurance company**; they are planning to launch new drug for SMA (Spinal Muscular Atrophy) and Using salesforce CRM. Project is a migration from Siebel CRM to Salesforce CRM. We have migrated data from Salesforce application to files. Initially started with 2 Interfaces where we pull data from salesforce and send to 3rd party interface which will use the files to send orders and letters.

# Responsibilities:

* Source Data Analysis, Understanding Salesforce object relation.
* Create ICS jobs to load into stage (Oracle)
* Create mapping and Workflow to Load stage data to files.
* Developed and Unit tested Informatica mappings/workflows for desired dataflow into DB tables.
* Preparation of UTP (Unit Test Plan) with all required validations and test cases.
* Prepared Detailed Design Documents for all the objects we have worked in Informatica.
* Code migration to different environment using UNIX deployment.

**Environment :** IICS, Oracle, SQL, Unix, Salesforce CRM

# Project: Dex Media November 2014 – March 2016

# Description:

We have migrated data from AMS application to Vision Application. AMS application data resides in multiple database (SQL Server, Sales Force, Oracle) Vision application data resides in People soft Data base. We have to handle the entire migration in such way that we need to move data from all different databases into PS database without any conflict with existing application.

# Responsibilities:

* Study and analysis of the mapping document indicating the source tables, columns, data types, transformations required, business rules applied/to be applied, target tables, columns and data types.
* Developed ETL Jobs to load Operational data from Flat Files Sources and Staging tables to Target Tables and cleaned the staging data using appropriate business rules, similarly developed workflows to load Operational data into warehouse as per the business requirements.
* Used most of the Transformations such as Stored Procedure, Source Qualifier, Aggregator, Lookups (Connected and Unconnected), Joiner, Filter, Router, Union, Update Strategy and Sorter, SQL transformation.
* Developed and Unit tested Informatica mappings/workflows for desired dataflow into DB tables.
* Preparation of UTP (Unit Test Plan) with all required validations and test cases.
* Prepared Detailed Design Documents for all the objects we have worked in Informatica

**Environment:** Informatica, Oracle, SQL Server, UNIX

**Client: Charles Schwab/ Infosys, Hyderabad November 2012 – October 2014**

**Role: Informatica Developer**

# Description:

Efficiency project is for developing tools for reducing manual effort. As part of this project, mapping generator tool is developed. It is used to develop Informatica objects namely workflow, sessions and corresponding mappings by taking source and target structure as input. It drastically reduces development effort. Also developed Flat file analysis tool, which is very helpful to validate data on flat file with the corresponding target structure, depending on deviations, it generates report with column name, column value, and the corresponding error.

# Responsibilities:

* Developed the code using Excel VBA that eventually reduced the development burden and improved the productivity.
* Providing training to team on usage of the tool.
* Provided support to the team on technical issues in the project.
* Ensure Quality and On-time delivery

**Environment:** Informatica, Teradata, UNIX

 **Client : Charles Schwab June 2012 – October 2012**

# Project: Quicken Loans

**Role**: **ETL Developer**

# Description:

Quicken loans project deals with the maintaining mortgage loans information in SCD tables. Quicken loans is third party for selling mortgages for Charles Schwab on commission basis. We get data from Quicken loans databases and store that information into dimensional tables for analysis purpose.

#  Responsibilities:

* Construction and unit testing of Informatica workflows.
* Development of mappings using Pushdown Optimization and transformations such as Source Qualifier, Expression, Router.
* Performance tuning of mappings by tuning SQL’s. UNIX jobs developed to support Informatica processes.
* Provided support to the team on technical issues in the project.
* Ensure Quality and On-time delivery.
* Worked on query tuning to achieve better performance of the system
* Performed all kinds of reviews.

**Environment:** Informatica, Teradata, UNIX

 **Client : Charles Schwab December 2011 – May 2012**

# Project: Treasury Lightening

**Role: ETL Developer**

# Description:

This module is intended to bring Treasury Lightening data into warehouse and provide a Business Intelligence interface for reporting and analysis. This includes multiple source systems lightening, polypaths and market rates. These inputs will be gathered and presented in a Business Objects universe, so that business users may cut the data in multiple manners to understand positions by issuer or counter party. This also provides an opportunity to create a framework that can be used for future Dashboards which will result in a common look and feel.

# Responsibilities:

* Construction and unit testing of Informatica workflows.
* Development of mappings using Pushdown Optimization and transformations such as Source Qualifier, Expression, Router.
* Performance tuning of mappings by tuning SQL’s. UNIX jobs developed to support Informatica processes.
* Provided support to the team on technical issues in the project.
* Ensure Quality and On-time delivery.
* Performed all kinds of reviews.

**Environment:** Informatica, Teradata, UNIX

**Accolades**

* Received “**Most Trusted Partner Award**” from client for delivering Quality Code.
* Received “**Insta – Award**” from Infosys for good performance in the project.
* Received “**Guard of Fort Award for Q2-2020**” from JPMC for adapting Kafka and training the team members in ingestion.
* Received “**Guard of the Fort Award for Q2-2022**” from JPMC for being SPOC for Keon – Sophia migration.