



RAJESWARI SIVAKUMAR

Sr. Data Quality Analyst

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CAREER SNAPSHOT

The Senior Analyst with analytical and problem-solving knowledge working for US client projects in Mortgage based services around 4 + years. Highly skilled and results-oriented Data Engineer with extensive experience in ETL processes, data pipeline management, and data quality analysis. Proficient in working with **Data visualization and report generating** to manage and optimize data workflows. Adept in SQL, stored procedures, and data normalization techniques to ensure efficient data processing and high-quality results. My expertise lies in delivering and developing dashboards with a strong proficiency in **SQL, Tableau, Power Bi, and Advance Excel**. During my tenure, I have actively contributed to data engineering projects, utilizing my hands-on experience in these technologies to drive successful outcomes. My aspiration is to work as a business intelligence developer and leverage my visualization skills and grow next level in the data analytics domain.

CAREER TRAJECTORY

Organization	Designation	Duration
Affirm Data Solutions (Bangalore)	Senior Quality Analyst(Operations) Senior Process Specialist (Data Analysts)	Apr 2024 – Till date Feb 2022 – Mar 2024
Zolostays Property Solutions (Bangalore)	Process BDM (Business Analyst)	Jan 2021 – Feb 2022
E-Infotech (Coimbatore)	Process Executive(trainer)	Feb 2020- Jan 2021

OVERALL KEY DELIVERABLES

- Expertise in Informatica Cloud and Informatica PowerCenter for data integration and workflow automation.
- Design, develop, and maintain efficient ETL processes to ensure seamless data flow from source to target systems.

- Using the SQL queries to extract data from multiple tables to distribute to the process team and used multiple aggregate functions like SUM, COUNT, Average to create aggregated results in SQL to execute the EOD Report
- Python, Excel, SQL, Informatica Cloud, Informatica PowerCenter, Data Quality Tools (e.g., Talend, Trifactor), Collibra (if applicable).
- Connected Tableau desktop to SQL database to visualize the aged data and also inspect the data and setup extract-based connections to showcase the results.
- Ability to handle multiple tasks concurrently and meet the deadlines.

SCHOLASTICS

- Competed Master of Business Administration(Operations & HR) in Kit-Kalaignar Karunanidhi Institute of Technology Coimbatore, **CGPA-9.1%**
- Completed Bachelor's in (Computer technology), at D.R. N.G.P. Arts and Science College Coimbatore- **CGPA 8.2%**

CERTIFICATIONS/TRAINING

- Certification in **Microsoft Power BI – DA 100**
- Hands-on Power BI Training for data science and the ultimate orientation and Tableau desktop for accurate Business Analysis from Jobaj learning.
- Data Analytics live project certification From Techtip24.

SANCTIONED PROJECT

Project :1

Government Project	: Anna University(TN Board)
Company	: Apollo Hospital Chennai
Year	: 2020 NOV (Gov Project)
Budget	: (₹)2CR
Project Title	: “Android Based Medicare Alert Using GEO-FENCING Sensor”
Description	: The project aims to develop for the usage of medical emergency the use of a geofence is called geo-fencing and one example of usage involves a location aware device of a location- based service (LBS) user entering or exiting a geo-fence. This activity could trigger an alert to the device user aware as messaging to the geo-fence operator.

Project : 2

MNC Project	: US Bank-Debt Analyzation
Company	: Guardian Asset Management(NY)
Year	: 2022-MAR(Client Project)
Budget	: \$75,000 USD
Project Title	: Analyze International Debt Statistics

Description (For US Bank)- The inspection occurs every 21 days for the individual who collaborates with stakeholders to comprehend their systems, processes, and business requirements. During this inspection, we work with unstructured data from the trusted advisor to discover new insights, analytics, and reporting solutions that can be beneficial.

- Collaborate with stakeholders to gather requirements and design the ETL architecture that meets business needs.
- Troubleshoot and debug ETL workflows, identifying bottlenecks and optimizing performance.
- Perform unit testing and quality checks to ensure data accuracy and integrity.
- Handle exception handling and error logs to ensure smooth ETL job executions and resolve issues promptly.
- Monitor scheduled ETL jobs and ensure timely data loading and processing.
- Create detailed documentation of ETL processes, workflows, and data models for future reference
- Design visually interactive and actionable dashboards using data visualization tools
- Showcases ability to extract, collate, and transform data from different (HR, Finance and recruiting etc.) systems for reporting and analytics using 1 month trigger data.
- Implement data governance practices, ensuring that data is accurate, consistent, and compliant with organizational standards.
- Design and implement incremental load strategies to ensure data freshness and minimize system impact.
- Monitor the performance and health of ETL jobs, identifying opportunities for improvement and implementing necessary changes.
- Data validation after the data load and using joins to merge the final data.
- Developing and executing SQL scripts to test data between different tables.
- Worked on databases (SMSS) view data, and understand relationships between data and collaborate with other teams to coordinate activities and project work in order to ensure that meets deliverables.
- Developed SQL queries for ad-hoc reporting at EOD for clients.

Environment: MS Excel, Power Point, SQL server, Tableau, Agile Methodologies.

COMPANY PROJECTS-2022-2025

Guardian Asset Management (NY)

Phase 1 Project: Guardian Asset Management (**Code Violations**) 2024-Currently

Client: US Bank- PA

Environment: Business execution and inspection.

GAM is an American multinational corporation which operates on the mortgage field to transfer our third-party Fund Management Services (FMS) business in Luxembourg and Switzerland to another provider. These transactions will therefore create a global asset manager with some criteria.

- Key Deliverables:**
- Optimized an existing **ETL process by redesigning** the workflows in Informatica PowerCenter, reducing processing time by 40%.
 - Extracted the data from the **flat files, CSV and other RDBMS databases** into staging area and populated onto Data warehouse.
 - Used various transformations like **Filter, Expression, Filter, Router, Update Sequence Generator, Sorter, Update strategy, Lookup, Joiner, and Union** to develop robust mappings in the **Informatica Designer**.
 - Created to use them in different **mappings**.
 - Worked on different tasks in Workflows like **sessions, events raise, event wait, decision, email, command, Assignment, Timer and scheduling** of the workflow.
 - Created sessions, configured workflows to extract data from various sources, transformed data, and loading into data warehouse.
 - Analyzed data quality issues and worked closely with data engineers to resolve data inconsistencies and inaccuracies.
 - Utilized Python and Excel to develop scripts and **tools for data cleaning and analysis**.
 - Implemented data normalization techniques to standardize and improve data quality across the system.

Phase 2 Project: Guardian Asset Management (**Data Analyst**) 2022-Oct 2023

Client: Shellpoint Client

Environment: Business execution and inspection.

GAM is an American multinational corporation which operates on the mortgage field to transfer our third-party Fund Management Services (FMS) business in Luxembourg and Switzerland to another provider. These transactions will therefore create a global asset manager with some criteria.

Key
Deliverables:

- Responsible for Data Analysis and Requirements Collection.
- Worked on Informatica Power Center tools- **Designer, Repository Manager, Workflow Manager, and Workflow Monitor**
- Managed **end-to-end ETL processes using Informatica PowerCenter** to ensure timely and accurate data migration between systems.
- Developed and maintained data pipelines for various business units, optimizing data flows for performance and efficiency.
- Wrote complex SQL queries, stored procedures, and functions to transform, clean, and validate data from source systems to target databases.
- Collaborated with cross-functional teams to identify and resolve data quality issues using Python and Excel-based data analysis tools.
- Worked with data cataloging tools like Collibra to organize, manage, and ensure the quality of the data across the organization.

DECLARATION

I hereby declare that all the above furnished details are correct and complete to the best of my knowledge.

End of Resume