



## SUSAN JOY

### Data Engineer

#### CONTACT INFORMATION

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#### PROFILE

Detail-oriented Data Engineer with 3+ years of experience in ETL development, data integration, and data warehousing using Talend, SQL, and Python. Skilled in ingesting, transforming, and managing large datasets to deliver actionable business insights. Experienced in AWS Redshift, Amazon S3, and complex data analysis to support business intelligence initiatives. Eager to expand expertise in Power BI, Databricks, and advanced data analytics platforms. Recognized for strong analytical, problem-solving, and collaboration skills.

#### LANGUAGES KNOWN

- English
- Malayalam
- Hindi

#### PROFESSIONAL EXPERIENCE

##### Programmer Analyst - Data Engineer

Cognizant Technology Solutions, Kochi, India

Sep 2022 – Present

- Developed and maintained ETL pipelines using Talend for data ingestion and transformation from AWS S3, databases, and SharePoint lists into Amazon Redshift.
- Built a generic framework to automate loading files from S3 to Redshift.
- Conducted requirement analysis and collaborated with stakeholders to define business needs.
- Designed Redshift tables, performed unit testing, and documented ETL processes.
- Ensured data integrity through cleansing, validation, and transformation techniques.
- Handled ad-hoc client requests and provided optimized SQL scripts and solutions.
- Improved pipeline performance, ensuring scalability and reliability.

##### Key Technologies

Talend Data Integration, SQL, Python, Amazon Redshift, AWS S3, TAC, Unix

#### RELEVANT SKILLS

##### Technical Skills

- ETL Tools: Talend Data Integration, Informatica PowerCenter
- Programming: SQL, Python, R, Java
- Databases: Amazon Redshift, SQL Server
- Cloud & Data Tools: AWS S3, Talend Administrative Center (TAC), Azure Data Fundamentals
- Operating Systems: Windows, Unix
- Others: XML, XSLT, XPath, SharePoint Integration, Power BI (learning phase)

#### CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Data Fundamentals (DP-900)
- Python Data Science with ML-AI & Power BI (Luminar Technolab – Ongoing)

## EDUCATIONAL HISTORY

### Master's in Computer Science – Data Analytics

St. Peter's College, Kolenchery – MG University  
2017 - 2020

### Bachelor's in Mathematics

St. Peter's College, Kolenchery – MG University  
2020 - 2022

- Udemy – Text Mining and NLP in R
- Udemy – Ultimate AWS Certified Cloud Practitioner
- Udemy – XML, XSLT, and XPath for Beginners

## PROJECT DETAILS

**Project Name:** Astellas DE

**Client:** Astellas (USA)

**Duration:** 30 months

**Role:** ETL Developer

**Domain:** Life Sciences

### Responsibilities:

- Computed quarterly sales targets for medical representatives using business logic and historical data.
- Delivered ad-hoc reports and supported operational data flows.

## DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.