

# KOUSALYA GATTI

(Data Engineer/ETL Developer)

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## PROFILE

IT professional with 2+ years of total hands-on experience, including internship in Data Engineering. Proficient in SQL, Snowflake, Matillion, Apache Airflow, AWS Redshift, Bitbucket, and Pyspark. I am a quick learner with strong problem-solving abilities.

## PROFESSIONAL EXPERIENCE

**ETL Developer**, *Cognizant Technology Solutions*

07/22 – Present | Hyderabad, India

**Project Intern**, *Cognizant Technology Solutions*

02/22 – 06/2022 | Hyderabad, India

### PROJECT #2:

Project Title : REGENERON PHARMACEUTICALS

Role : ETL Developer

Skills : SQL, AWS Redshift, Apache Airflow, Pyspark, Data Warehousing.

### Responsibilities:

- Contributed as a **Critical Resource in the project** for my precise coding abilities in SQL, also a good communicator in explaining the logical solutions to clients and peers while handling inconsistent and missing data.
- Managed high priority production challenges as a **Hyper Care Developer** for an entire stand-alone product dataset.
- My expertise lies in analyzing root causes, rewriting complex SQL queries, handling data issues, and improving overall system efficiency.
- Developed configuration files which includes data **Extraction, Transformation, and Load (ETL)** from the source AWS S3 to cloud **AWS Redshift**.
- Skilled at managing massive data and the infrastructure to produce high-quality solutions that meet business requirements and increase organizational productivity.
- Worked as a **Data Modeler & Developer** simultaneously during the production issues which made me the best in learning the infrastructure and high-level flow of the project in a broader manner.

### PROJECT #1:

Project Title : QUEST DIAGNOSTICS

Role : ETL Developer

Skills : SQL, Matillion, Snowflake, Scala, Amazon Web Services (AWS) S3.

### Responsibilities:

- Developed Orchestration, Transformation jobs, and one-to-one ingestion ETL pipelines to process live data from Hive to Snowflake using Matillion as an ETL tool.

- Contributing to data validation and quality checks for the SQL code to ensure accuracy, integrity, and maintaining standards for data consistency & compliance throughout the ETL process.
- Involved in documenting LLD (Low Level Documentation), CR (Change Request) & SOP.

## INTERNSHIP:

Project Title : CDB AIA Intern

Role : Intern

Duration : FEB 2022 to MAY 2022

Skills : SQL, Teradata, Snowflake, PL/SQL, AWS Lambda, AWS Redshift, Data Warehousing, Python.

### Responsibilities:

- Managed the missing and unclean data in a dataset that utilizes **AWS Lambda** to trigger events. For the transformation logics, SQL code is used and **AWS S3** is utilized to upload the clean data and the performed changes were seen in **AWS CloudWatch**.
- Worked in preparing graphical report for COVID data in India using Snowflake as a cloud platform, created views to show the frozen reports time to time.
- Proficient in querying databases, data manipulation and data modeling to ensure data consistency.

## EDUCATION

**Bachelor of Technology**, *GMR Institute of Technology*

2018 – 2022 | Civil Engineering

**Intermediate**, *Narayana Junior College*

2016 – 2018 | MPC

## TECHNICAL EXPERTISE/SKILLS

<b>Languages</b>	SQL, Pyspark, Python
<b>Database</b>	MySQL, AWS redshift, Snowflake, Dbeaver
<b>ETL Tools</b>	Matillion, Apache Airflow, Jenkins
<b>Others</b>	Data warehousing, Data Analysis, Bitbucket

## CERTIFICATIONS

**Python for Data Science, AI & Development** IBM, Coursera

**Complete SQL Boot Camp**, Udemy

**Data Modelling and RDMS**, Udemy

**Basics of Linux Commands**, Udemy

**Relational Database design**, Udemy

## RECOGNITIONS

- Received **“Rising Star – BEST NEWCOMER”** award in my first 1 year at cognizant for my problem-solving skills and following best coding practices.
- Got **appreciations from clients (Quest Diagnostics)** for providing potential ideas in Analysis and design phase of the project.
- Gold Medalist** from GMR Institute of Technology for the best performance in Bachelor's (2018-22).