



HARSHITHA PASUPULA

DATA SCIENCE ENGINEER

Data Science Engineer with around 5 years of IT experience in the tech industry. Proven ability to develop data models, design and implement data pipelines using variety of Data sources, Specialized in Python, R, SQL.

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SKILLS

SQL

Python

Snowflake

AWS

R

PowerBI

LANGUAGES

Telugu, Hindi, English

WORK EXPERIENCE

Associate at Cognizant, Hyderabad (Apr 2021 - Present)

- Conducted **customer segmentation analysis** to identify and target key customer segments.
- Performed **sentiment analysis** on 2,500 stores for multiple European fashion sub brands to identify customer sentiment and improve customer satisfaction.
- **Designed and implemented data warehouse** on PostgreSQL, working with client teams to define DDLs and ETLs.
- Implemented a **data integration and data quality solution** in Informatica, creating a connector to Snowflake and profiling a Snowflake table to provide modified analysis and engage data quality metrics on Snowflake data.
- Implemented **prompt engineering** for an internal asset to create a chatbot that responds on existing document data (**OpenAI & langchain**).

Programmer Analyst at Cognizant, Hyderabad (Sep 2018 - Apr 2021)

- **Aggregate, clean, and analyze data** using R and libraries for a international insurance client. Created predefined customer segments data and partially automated marketing campaigns.
- Develop and deliver **data-driven reports and visualizations**.
- Developed and implemented **microservices** using Spring Boot, which included REST APIs for migrating data from database to other applications.

EDUCATION

2023-25: M.Sc. in Data Science, Manipal Academy of Higher Education.

2014-18: B.Tech in Computer Science from JNTU, Hyderabad

ONLINE TRAINING

- Google course on Python—Coursera
- Data Visualization in R with ggplot2—Coursera
- Linear algebra for Machine learning and Data Science—Coursera
- Snowflake –The Complete Masterclass(2022 Edition) - Udemy
- AWS Introduction - Udemy

DECLARATION: I hereby declare that all the facts given above are true and correct to the best of my knowledge.

Signature:

Location: Hyderabad,

Date: 03-03-2023