G. ROHITH REDDY

Aspiring Data Engineer | B.Tech CSE (Artificial Intelligence)

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PROFESSIONAL PROFILE

Computer Science and Engineering (Artificial Intelligence) undergraduate at Marwadi University with practical project exposure to SQL, DuckDB, relational data analysis and ETL concepts. Experienced in writing multi-table queries, aggregating data and documenting analytical workflows. Seeking a data engineering or SQL-focused internship to strengthen skills in data preparation, transformation and pipeline development.

TECHNICAL SKILLS

SQL & Databases: Joins, filtering, grouping, HAVING, ORDER BY, COUNT(), MEDIAN(), relational schemas

Database Tools: DuckDB (practising), SQL query development and documentation

Programming: Java, C and C++ (working knowledge); Python (learning)

Development Tools: Git, GitHub, Visual Studio Code, command line

Cloud & Systems: AWS Cloud Foundations, Linux Essentials, operating-system fundamentals

ACADEMIC PROJECTS

Data Jobs Analysis — SQL Data Engineering Project | SQL, DuckDB, VS Code, Git/GitHub

- Queried related job-posting and skills tables using SQL joins in a warehouse-style schema.
- Applied COUNT(), MEDIAN(), WHERE, HAVING and ORDER BY to analyse job demand, salary patterns and relevant skills.
- Structured project documentation with a README, warehouse diagram and separate SQL query files.

Automated Sales ETL Pipeline | SQL

- Designed an ETL-style workflow for raw e-commerce order and delivery records.
- Applied SQL transformations to prepare data for customer-spending and order-volume summaries.

Data Warehouse and Mart Build — SQL Data Engineering Project | SQL, DuckDB, Git/GitHub

- Built a star-schema data warehouse in DuckDB (company, skills, job-postings fact and skills-job bridge tables) and loaded it from CSV files stored in Google Cloud Storage using SQL.
- Created three analytical data marts (flat, monthly skills-demand and priority roles) with SQL, plus a master script that rebuilds the whole pipeline.
- Used MERGE INTO for incremental updates to the priority mart and wrote re-runnable scripts with DROP TABLE IF EXISTS.

EDUCATION

B.Tech, Computer Science and Engineering (Artificial Intelligence) | Marwadi University, Rajkot

2024–2028 (Expected) | CGPA: 7.25 (after four semesters); currently in fifth semester

Class XII | Vamsi Junior College, Srikalahasti | 2024 | 80.9%

Class X | Bhashyam High School, Srikalahasti | 2022 | 86.8%

CERTIFICATIONS & TRAINING

- Database Programming with SQL — Oracle Academy (Nov 2025)
- AWS Academy Graduate: Cloud Foundations (20 hours) — AWS Academy (2026)
- Linux Essentials — Cisco Networking Academy (Mar 2026)
- Java Fundamentals — Oracle Academy (Apr 2026)
- Foundational Course on Applied Machine Learning and AI — CII (Sep 2026)
- Python using AI Workshop — AI for Techies (Aug 2025)

LEADERSHIP & ACTIVITIES

Hosted an expert session on “RAG from Scratch” at Marwadi University (Oct 2026), featuring Ms Abhilasha Mangal, Senior Data Scientist at IBM; supported event coordination and technical communication.

RELEVANT COURSEWORK

Database Management Systems • Data Structures • Programming with Python • Java Programming • Machine Learning Essentials • Operating System and Virtualization • Probability and Statistics

DECLARATION

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

Date:

Signature: