

MOHAN RANGANATH VARMA VUMMADISETTY

Hyderabad, Telangana

✉ [Gmail](#) [in](#) [Linkedin](#) [G](#) [Github](#) [Portfolio](#)

Education

Rajeev Gandhi Memorial College Of Engineering & Technology, Nandyal **2022 - 2025**
B.Tech, Computer Science and Engineering 8.0/10 CGPA

E.S.C.Government Polytechnic, Nandyal **2019 - 2022**
Diploma, Electronics and Communication Engineering 83/100 Percent

Experience

Data Engineer - Prolim AI **Dec 2024 – Present**

- **Delcath – Commercial Analytics EDW:** Designed and built a complete Snowflake EDW using medallion architecture (Bronze/Silver/Gold) for commercial analytics, processing data from 3 third-party health data vendors.
- Developed advanced SQL stored procedures for patient journey analytics, automating weekly data processing pipelines. Integrated claims data, CRM, and sales data into unified analytics layers.
- Created Tableau-ready output layers with zero-fill logic using scaffold tables and cross-joins, ensuring complete US state coverage for dashboard visualizations.
- **Certus Pest – SQL Server to Snowflake Migration:** Led end-to-end migration including schema conversion, stored procedure translation from T-SQL to Snowflake SQL, and data validation with zero data loss.
- **SuperSonic POS – Performance Optimization:** Diagnosed and resolved inflated query results by implementing pre-filter logic, reducing count discrepancies by 80%. Applied clustering strategies and dynamic tables to cut execution times and compute costs.

Projects

Migranix | *Python, PySpark, FastAPI, Tauri, Snowflake* **2025 – Present**

- Building a custom tool to streamline data migrations into Snowflake, automating schema mapping, data validation, and incremental loading across source platforms.
- Architected with a FastAPI backend and Tauri desktop UI, featuring SSH tunneling for secure remote client server access. Designed to reduce migration timelines from weeks to days.

Shadcn-extension | *TypeScript, React, CLI Tooling* **May 2024**

- Contributed to an open-source modern UI component library built on shadcn/ui. Reverse-engineered the entire shadcn/ui CLI ensuring seamless integration and the best possible developer experience.

Technical Skills

Data Warehousing: Snowflake (Stored Procedures, Dynamic Tables, Clustering, Data Sharing, Streams/Tasks), Medallion Architecture

Languages: SQL (Advanced – Window Functions, CTEs, Query Optimization), Python, PySpark

Pipeline & Orchestration: dbt, Apache Airflow, Funnel, ETL/ELT Design

Cloud & Databases: AWS (S3, Lambda, Glue), BigQuery, PostgreSQL, SQL Server

Tools: Tableau, Git, Docker, FastAPI, Tauri, Linux

Certifications

SnowPro Core Certified – Snowflake **2025**

- Validated expertise in Snowflake architecture, data loading, performance optimization, data sharing, and account management.

Additional

International Collaboration **2024 – Present**

- Collaborated remotely with engineers from the US, Algeria, and India on open-source projects and full-stack applications using Go, React, and Node.js, developing strong cross-timezone communication skills.
- Available for remote engagements in US time zones. Proficient in English.