

USMAAN RIFKHAN

ASSOCIATE DATA & AI ENGINEER

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PROFESSIONAL SUMMARY

Associate Data & AI Engineer experienced in batch ETL and maintaining well-structured pipelines using Python, SQL, and Snowflake. Focused on improving reliability, data accessibility, and Snowflake cost optimization. Hands-on with AI automation using LangChain and n8n, integrating APIs to deliver LLM-enabled internal solutions.

EDUCATION

BSc (Hons) Data Science

National Institute of Business Management Affiliated with Coventry University, United Kingdom.

2022 - 2025

SKILLS

- **Programming:** Python, SQL, R, JavaScript
- **Data Engineering:** Snowflake, ETL/ELT, Batch processing, Data modeling & warehouse design, Pipeline maintenance & optimization, Scheduling & orchestration, Apache Airflow
- **AI & Automation:** LangChain, LangGraph, n8n, RAG, LLM integration, API integration
- **Tools/Platforms:** AWS, Git, Linux, Shell scripting
- **Analytics/BI:** Pandas, Power BI, Tableau, Exploratory Data Analysis
- **Soft Skills:** Problem solving, Communication, Time management, Presentation

LANGUAGE

- English
- Sinhala
- Tamil

WORK EXPERIENCE

SL Mobility (PVT) LTD (January 2026 - Present)

Associate Data & AI Engineer

- Built and maintained batch ETL pipelines for battery-station data, ensuring reliable ingestion and availability for downstream reporting/analytics.
- Monitored production pipelines, performed root-cause analysis on failures, and troubleshoot data quality and runtime issues to keep workflows stable.
- Improved and organized existing data pipelines, standardizing pipeline structure and operational practices for easier maintenance and support.
- Supported Snowflake-based data processing and ongoing improvements, contributing to efficient warehouse usage and cost-conscious pipeline execution.
- Developing an AI-powered Customer Complaint Management system using LangGraph with Gemini API integrations and n8n-based workflow automation.

Everestx Technologies (July 2025 - December 2025)

Intern Data & AI Engineer (Outsourced to SL Mobility)

- Maintained and improved batch data processing workflows, supporting day-to-day data engineering operations and reliable pipeline runs.
- Assisted with data platform migration activities to Snowflake, supporting ingestion and transformation workflows during the transition.
- Built internal workflow automations using n8n, integrating APIs/services to reduce manual steps and streamline operational processes.
- Collaborated with engineering and business stakeholders to understand requirements and deliver practical data solutions aligned with team needs.

REFERENCES

Sanjeth Srikathirkkamanathan

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