Taniya Mahwish

M.Tech Computer Science Graduate | SCM
Analytics & AI Application Intern

taniyamahwish123@gmail.com
+91 7981686373
Miyapur,Hyderabad

Summary

M.Tech Computer Science student with hands-on experience building an AI-powered Supply Chain Management (SCM) analytics application during a 3-month internship at Aurigene Pharmaceutical Services. Worked on an SCM Intelligence Agent integrating Excel-based operational data, Python analytics, Streamlit dashboards, and Azure OpenAI to support pharmaceutical import/export tracking. Experienced in data processing, KPI automation, AI agent integration, and operational reporting. Motivated to grow in supply chain technology, analytics, and operations-focused engineering roles.

Professional Experience

SCM Analytics & AI Application Intern – Aurigene Pharmaceutical Services

Hyderabad | 3 Months

Project: SCM Intelligence Agent (Pharmaceutical Imports & Exports)

Contributed to development of an AI-powered SCM analytics web application using Python and Streamlit.

• Built pipelines to extract, clean, and structure operational data from Excel files for supply chain analysis.

• Implemented automated KPI calculations including inventory turnover, lead time, fill rate, and order fulfillment.

• Developed risk detection logic to identify low inventory, delayed suppliers, and excess stock conditions.

• Integrated Azure OpenAI APIs to enable natural language querying over SCM datasets and generate analytical insights.

• Supported API-based agent workflows that dynamically generate and execute Pandas code for business analytics.

• Designed interactive dashboards and visualizations using Plotly for operational reporting and what-if scenario analysis.

• Collaborated with team members to test features, validate outputs, and improve visibility of pharmaceutical logistics processes.

Academic Experience

Automatic Attendance System using Face Recognition

Major Project – Rishi College of Engineering   2025

- Designed and implemented a system that automatically marks attendance using face recognition technology.
- Applied Python and OpenCV for facial detection and recognition.
- Improved accuracy and reduced manual effort in attendance management.

Traffic Violation Detection System

Minor Project – Rishi College of Engineering   2024

- Built a system to detect traffic rule violations using computer vision techniques.
- Used image processing to identify helmetless riders and signal violations.
- Enhanced road safety monitoring through automation.

Skills

Technical
Python, SQL, Streamlit, MS Excel, Azure OpenAI, API Integration

SCM & Analytics
Supply Chain Data Processing, KPI Automation, Risk Detection, Operational Reporting

Libraries & Frameworks
Pandas, NumPy, Matplotlib, Plotly

Data Cleaning & Preprocessing
Preparing raw data for analysis and improving data quality

Presentation & Reporting Skills
Summarizing insights clearly using visuals or dashboards

Soft Skills
Problem Solving, Logical Thinking, Adaptability, Communication, Team Collaboration

Education

Master of Technology (M.Tech) in Computer Science and Engineering
Shadan Women's College of Engineering & Technology, Khairatabad   2025 – Present

Bachelor of Technology (B.Tech) in Computer Science and Engineering
Rishi Women's College of Engineering & Technology, JNTU   Graduated: 2025

Intermediate
Sri Chaitanya Junior College   Passed: 2021