Sohail Shaik

✉ sohailshaik1712@gmail.com 📞 6304778548 📍 Hyderabad, India in shaiksohail1107

Profile

MDM / Data Integration Engineer with enterprise delivery experience in Stibo STEP, SAP, and Azure AI. Specialized in building governed, analytics-ready master data pipelines and automation frameworks for global enterprises.

Skills

Soft Skills: Problem Solving, Team Collaboration, Event Management

Programming Languages & Concepts: Python, Java, JS, SQL, data structures, algorithms, OOP, system design

Databases: Postgres, SQLite, MySQL

Web & Frameworks: FastAPI, Next js, Streamlit, Docker, Git, Kafka

Machine Learning: Deep Learning, CNN, EfficientNet, Scikit-learn, TensorFlow, NLP

Enterprise Data / MDM: Stibo STEP, Data Governance, Data Quality Rules, Master Data Integration, Workflow Orchestration, REST API Integration, MDM Pipelines

Professional Experience

06/2024 – present Hyderabad, India	**System Engineer — Data Platform / MDM Engineer** *Tata Consultancy Services (Client: Diageo)* - Engineered **scalable data pipelines** and automated workflows using modular programming principles. - Built **REST API integrations** and backend services in Java/JS used across enterprise systems. - Applied **algorithmic business rules** for validation, transformation, and enrichment of large datasets. - Worked in Agile teams collaborating with cross-functional engineers to deliver high-quality solutions.

Education

2020 – 2024 Hyderabad, India	**Bachelor of Technology(B.tech), Electronics and communication** *VNR Vignanajyothi Institute of Engineering & Technology* CGPA 8.42
2018 – 2020 Hyderabad, India	**Senior Secondary (XII), Science** *Sri Chaitanya Educational Institutions* GPA 9.63

Achievements

Problem Solving 🔗 | Python 🔗 | Java 🔗 | SQL 🔗

Projects

AI-Driven Global Product Translation & Enrichment Functionality
Client: Diageo (via TCS)
- Designed AI-powered multilingual translation and enrichment workflows in **Stibo STEP integrated with Azure AI**.
- Automated translation, normalization, and validation of global product attributes.
- Implemented **rule-driven data quality and governance workflows**.
- Enabled faster global product onboarding and reduced manual translation effort.

Global Product Master Data Integration
Client: Diageo (via TCS)
- Built **bulk ingestion pipelines** integrating Excel and **SAP source systems** into Stibo STEP.
- Developed **secure REST APIs** delivering standardized product master data in JSON to analytics platforms (SKUVantage).
- Implemented orchestration workflows for **reliable synchronization and publishing** across regions.
- Delivered analytics-ready global product master datasets.

Alzheimer's Disease Detection and Classification 🔗
Technologies: EfficientNet, CNN, Streamlit, Python
- Built a **deep learning classification system achieving 99.23% accuracy** for Alzheimer's stage detection.
- Implemented **EfficientNet B0/B1/B6 architectures** on a Kaggle MRI dataset (~6,400 images).
- Developed an **interactive Streamlit web application** with diagnosis visualization, medication guidance, remedies, and expert recommendation features.

Movie Recommendation System 🔗
Technologies: EfficientNet, CNN, Streamlit, Python
- Built a **personalized recommendation engine** using **26M+ ratings, 750K+ tags, and 45K+ movies**.
- Implemented **content-based filtering** using similarity scoring on genres, actors, and directors.
- Developed a **user-friendly interface** for real-time tailored movie suggestions.

Certificates

Machine Learning 🔗 — *Coursera | Stanford Online*

Machine Learning, Python 🔗 — *Cognitive class.ai | IBM*

SQL for Data Science 🔗 — *Coursera | IBM*

Data Analysis with Python 🔗 — *Coursera | IBM*

Organizations

2022 – 2024 Hyderabad, India	**Entrepreneurship Development Cell	VNR VJIET** *Executive for event organization.* - Successfully organized three innovation and entrepreneurship events leveraging strong organizational skills.