

Mr. Ashish Mali

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Work Experience

MyndNova Solutions

January 2026 – June 2026

• *Databricks Data Engineer Intern*

- Contributed to the **design, development, and monitoring** of **25%** of the product's **data pipelines**.
- **Project Data Lead** for a project **NFHS-V Indian Diabetes Analysis**.
- Responsible for collectively collaborating with DHS and NFHS datasets.
- Databricks, AWS, Apache Spark, PySpark, SparkSQL

Projects

RAG-Based Telecom Customer Support Chatbot : *LangChain, ChromaDB, Hugging Face* **Demo**

- Developed a **RAG-based telecom customer support chatbot**, delivering accurate, context-aware responses to customer queries on billing, connectivity, SIM services, roaming, and other telecom-related issues.
- Developed a **multi-source RAG pipeline** to **ingest, embed, and retrieve** relevant context across **3+ diverse data sources**, improving retrieval efficiency and response relevance.
- Integrated **Qwen3-32B via Groq API** and **local LLMs** using **Docker Model Runner**, with a **Streamlit interface** for real-time conversational support.

Retail Sales Data ETL Pipeline for Analytics : *Apache Spark, AWS S3, MySQL*

- An **ETL data pipeline** that **extracts** sales data from multiple sources (AWS S3 and MySQL), **transforms** it using Apache Spark, and **loads** processed data into analytics tables for business reporting and insights.
- Designed **data marts** using **Spark window functions** and **dimensional modeling** for BI reporting.
- Optimized data quality through **validation pipelines**, **staging table patterns**, and **automated error recovery mechanisms** across distributed processing workflows.

Technical Skills

Programming: Python, C, C++

Databases: PostgreSQL, MySQL, MongoDB, ChromaDB

Generative AI: RAG, AI Agents, Prompt Engineering, LLM Applications

BI & Visualization Lib: Power BI, Tableau, Seaborn, Matplotlib, Plotly, Numpy, Pandas, Scikit-Learn

Developer Tools: Linux, Git, GitHub, Docker, Postman, Databricks, Kaggle, HuggingFace, Slack

Frameworks: LangChain, LangGraph, Pydantic, FastAPI, Flask, Streamlit, Dash

Education

Master of Computer Applications

2025 – May 2027

(JSPM, Savitribai Phule Pune University, Major: Data Science)

GPA: 8/10

Bachelor of Computer Applications

2022 – 2025

(SCS, Sri Balaji University Pune, Major: Data Analytics)

CGPA: 7.7/10

Certifications

AWS Cloud Practitioner

[Link](#)

Databricks Fundamentals | Databricks AI Agent Fundamentals

[Link](#) | [Link](#)

TCS Master Data Management

[Link](#)

Achievements

Patent Publication

Contributions

Inventor (Software Lead) : "Facial Guard Smart Glasses for Secure Attendance Capture".

(Patent Application No. 202421016351 A, filed on 07/03/2024, published on 29/03/2024).