

PAUSHALI MONDAL

Delhi, India

 +91-7428789348  Email  Linkedin  Github  Portfolio

EDUCATION

Vellore Institute of Technology

B. Tech. Computer Science Engineering in AIML - **CGPA - 8.8/10**

October, 2022 – Present

Bhopal, Madhya Pradesh

Vivekanand International School

CBSE - Class XII - **Percentage - 90.8%**

April, 2021 – May, 2022

Delhi, India

Vivekanand International School

CBSE - Class X - **Percentage - 94.2%**

April, 2019 – May, 2020

Delhi, India

PROJECTS

Multilingual Review Insights with RAG

RAG, FAISS, Transformers

November, 2025

- Implemented a multilingual RAG pipeline processing **200+** reviews, using **transformer-based NLP** and **embedding-driven FAISS retrieval** to generate department-specific next actions.
- Improved output quality by grounding LLM responses in retrieved SOP context, enabling reliable automation into business workflows.

AI Personal Assistant (Workflow Automation)

n8n, API Integrations

October, 2025

- Developed an **agent-based assistant** using **n8n** to automate email, calendar, calls, and knowledge retrieval via API-driven workflows.
- Saved **~4–6 hours/week** by integrating Telegram, Gmail, Google Calendar, Sheets, and VAPI, routing user intent to task-specific agents.

Delivery Risk Intelligence Platform

Predictive Modeling, ML, Streamlit

September, 2025

- Developed a **predictive delivery risk model** using **multi-source logistics data** to score pre-dispatch delay probability.
- Enabled cost-aware dispatch decisions by selecting the best model via AUC-based comparison (**Random Forest AUC ~ 0.76**) and exposing **risk probability and expected delay cost** through a Streamlit dashboard.

INTERNSHIP

SpacECE India Foundation

December, 2024 – March, 2025

Business Analyst Intern

Remote, India

- Led analysis of program data across **5+ regions**, tracking outcomes for **1,500+ children** enrolled in early childhood education initiatives.
- Built **Power BI dashboards** for attendance, engagement, and resource utilization, cutting manual reporting effort by **~25%**.
- Standardized **KPIs** and data workflows, improving reporting consistency and enabling data-backed program planning and reviews.

TECHNICAL SKILLS

Programming & Platforms: Python (Pandas, Scikit-Learn, PyTorch), SQL, Hugging Face, Git

Machine Learning & GenAI: ML Algorithms, NLP, LLMs, Embeddings, RAG, Vector Databases

Analytics & BI: Statistical Analysis, EDA, Power BI (DAX), Tableau, Excel

EXTRACURRICULAR

DataVerse: Case Competition by KOED x IIM Lucknow

January, 2025 – February, 2025

Remote

Team Lead

- Designed executive-ready dashboards analyzing **INR 24.6M in sales** across **3,000 customers**, highlighting customer and revenue patterns.
- Uncovered seasonal and segment-level drivers influencing performance; solution ranked **Top 10 nationally among 1,290+ teams**.
- National Finalist Certificate. 

CERTIFICATIONS

- Google Data Analytics Professional Certificate - Coursera
- Applied Machine Learning in Python - Coursera