

# 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

Team Lead

Remote

- 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