

PAUSHALI MONDAL

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EDUCATION

VIT Bhopal University

BTech in Computer Science and Engineering spec. in **AI/ML** - **8.8/10**

Bhopal, India

September, 2022-Present

Vivekanand International School

Class XII - **90.8%**

Delhi, India

April, 2021 - May, 2022

Vivekanand International School

Class X - **93.7%**

Delhi, India

April, 2019 - May, 2020

TECHNICAL SKILLS

Data Science Analytics: Statistical Analysis, EDA, Business Metrics Definition, Impact Measurement, Power BI (DAX), Tableau, Excel

Machine Learning AI: Supervised Unsupervised ML, NLP, LLMs, Embeddings, RAG, Vector Databases, Prompt Engineering, Fine-Tuning

Programming Libraries: Python (NumPy, Pandas, Scikit-Learn, Matplotlib, Seaborn), SQL (CTEs, Window Functions)

GenAI Platforms: Hugging Face Transformers, Pinecone, n8n, API Integrations

Certifications: Google Data Analytics Professional Certificate - October 2025

INTERNSHIP

SpacECE India Foundation | Business Analyst Intern

December, 2024 – March, 2025

- Analyzed and modeled large-scale program datasets using **statistical techniques and exploratory analysis** to identify trends and define measurable business impact metrics.
- Built stakeholder-facing Power BI dashboards translating data insights into actionable recommendations that **improved program outcomes by 23%**.

PROJECTS

Personal Automation Assistant

November, 2025 - December, 2025

n8n | Google APIs | Pinecone

- Designed and implemented a modular automation system with **4 interconnected workflows** using n8n, enabling a single assistant to handle scheduling, email, calling, and information retrieval through text and voice inputs.
- Integrated **6+** external services (**Google Calendar, Gmail, Telegram, VAPI, Pinecone, Google Sheets**) to automate end-to-end task execution, reducing manual coordination across tools and centralizing daily workflows into one interface.

AI-Powered Customer Feedback Analysis Pipeline

July, 2025 - October, 2025

Hugging Face | RAG | Vector DB

- Developed a multi-lingual AI review analyzer using **Helsinki-NLP, Flan-T5, and Roberta** models, leveraging **RAG (Retrieval-Augmented Generation)** with a knowledge base of SOPs to automatically translate, extract sentiment, classify business functions.
- DBuilt an **end-to-end automated** workflow integrating Python AI pipelines, RAG reasoning, and automated emails, generating actionable insights and directly notifying the concerned departments for timely resolution.

EXTRA-CURRICULAR ACTIVITIES

DataVerse: Data Analytics Case Competition by KOED x IIM Lucknow

January, 2025 - February, 2025

- Top 10 finish (out of 1290 entries)** Delivered a data-driven sales and growth strategy using structured analytics and business storytelling.

ADDITIONAL INFORMATION

Languages: English, Hindi, Bengali

Interests: Photography, Reading