

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

Languages: Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Flask), C++

Tools and Technologies: Microsoft Excel, SQL, Power BI, Tableau, Git, Machine Learning, PySpark, AWS

Certifications: Data Analysts Toolkit: Excel, SQL, Python, Power BI, Tableau (Udemy) – September, 2024

PROFESSIONAL EXPERIENCE

SpacECE India Foundation | Business Analyst Intern

December, 2024 – March, 2025

- Transformed **100,000+** student records into actionable insights via dashboards, optimizing education strategies for unprivileged students.
- Evaluated **5** early childhood education programs for unprivileged students, pinpointing trends that led to a **23%** improvement in social and emotional skills.

PROJECTS

StillPoint Journal

June, 2025 - July, 2025

Python | Natural Language Processing | API

- Engineered an NLP-based journal analyzer utilizing FinBERT (Hugging Face) for real-time diary entry processing, achieving **93%** sentiment accuracy across **8** distinct moods.
- Designed automated mood-trend dashboards and delivered personalized mindfulness suggestions grounded in classified emotions and interactive visualizations.

MediSinCare

January, 2025 - April, 2025

Python | Machine Learning | Flask

- Built a Logistic Regression model using **100** symptoms to predict **36** diseases for underprivileged communities.
- Developed a web platform offering diet, home remedies, and yoga recommendations for accessible healthcare.

EXTRA-CURRICULAR ACTIVITIES

DataVerse: Data Analytics Case Competition by KOED x IIM Lucknow

January, 2025 - February, 2025

- Secured a **Top 10** finish (out of 1290 entries) for a high-impact business sales solution.

100 Days of Data Science Challenge

November, 2024 - February, 2025

- Demonstrated persistent learning and practical application by completing a 100-day data science challenge focused on real-world problem-solving.

VITB Photography Club

February, 2023 - December, 2023

- Core Member of the Photography Club, leading event coverage for significant occasions including Convocation'23 and managing post-editing workflows.

ADDITIONAL INFORMATION

Languages: English, Hindi, Bengali

Hobbies: Photography, Reading