

# PAUSHALI MONDAL

+91 74287-89348 • mondal.paushali384@gmail.com • linkedin.com/in/paushali-mondal-483ba4250/ •  
https://github.com/mondal-paushali03

## 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, NLP, 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

### Predictive Economic Analytics Forecasting

July, 2025 - August, 2025

Python | Scikit-Learn | Power BI

- Developed a comprehensive data analysis and **forecasting pipeline** for global economic indicators, leveraging Python (scikit-learn) and Power BI for end-to-end data processing, model training (Linear Regression, Random Forest, Gradient Boosting), and interactive visualization.
- Achieved high-accuracy GDP predictions using a top-performing **Gradient Boosting** model, which yielded an  $R^2$  score of **0.99**, while validating key feature importance from metrics like GDP Growth, Inflation, and Public Debt.

### 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.

## 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