

# Aditya Prasad

Data Science intern

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## ABOUT ME

Data Science undergraduate with practical experience in machine learning, NLP, and data pipelines. Built automated workflows using Python and Airflow and developed an NLP-based spam detection model. Interested in Data Science, MLOps, and building scalable data systems.

## EDUCATION

**B.Tech in Data Science** — Sikkim Manipal Institute of Technology (SMIT)

CGPA: 8.6 / 10

2024-present

**12 Science** --DAV Public School

Percentage:-73

2023-2024

**10th** --DAV Public School

Percentage:-77.6

2022-2024

## SKILLS

- Languages: Python, Java, C
- Libraries: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, TensorFlow, PySpark
- Tools: Jupyter, Google Colab, Git, Databricks
- Concepts: Data Visualization, Data Science, Machine Learning, MLOps, NLP, Data Analysis, Statistics, Data Engineering

## WORK EXPERIENCE

- **Associate MLOPs Engineer and Data Analyst**    Dec 2025 to Feb 2026
  - Accesco Chatbot | Dialogflow- Built a Dialogflow-based chatbot with intent/entity design and webhook fulfillment, and improved performance through conversation log analysis and iterative training.
  - Contributed to database management across multiple ventures, handling schema updates, query optimization, and data integrity.

## PROJECTS

- **Self healing Data Pipeline:** Built a self-healing data pipeline using Python and Airflow, that automatically detects failures, validates data quality, and restores workflow execution with logging and alerts to ensure reliable data processing. (Link : <https://fortaditya-self-healing-ml-pipeline.hf.space/>)
- **Spam Classification:** Built a Spam Classification Model that detects spam messages/emails using NLP preprocessing and machine learning, achieving high accuracy and improving message filtering.