ADITYA PRASAD

Data Science intern

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ABOUT ME

I'm an aspiring Data Analyst & MLOps Engineer skilled in Python, ML, data pipelines, and automation, focused on building reliable and scalable data-driven solutions

PROJECTS

- **Self healing Data Pipeline:** Built a self-healing data pipeline that automatically detects failures, validates data quality, and restores workflow execution with logging and alerts to ensure reliable data processing.
- **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.

WORK EXPERIENCE

- Associate MLOPs Engineer and Data Analyst   Dec 2025 to Present

  - 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.

SKILLS

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

EDUCATION

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

CGPA: 8.6 / 10   2024-present