MRIDUL KRISHAN CHAWLA

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EDUCATION

VIT Bhopal University   Bhopal, India
BTech in Computer Science and Engineering with specialization in AI/ML - **8.98/10**   September 2022 - Present
St. Mary's Convent School   Kasauli, India
Class XII - **89.8%**   March 2021 - May 2022
St. Mary's Convent School   Kasauli, India
Class X - **92.6%**   February 2019 - May 2020

TECHNICAL SKILLS

Programming Languages: Python, C++, MYSQL
Libraries and Frameworks: NumPy, Pandas, Matplotlib, Seaborn, Scikit Learn, Flask, PySpark
Tools and Technologies: Microsoft Excel, SQL, Power BI, Tableau, Machine Learning, NLP, git
Certifications: Data Analysts Toolkit: Excel, SQL, Python, Power BI, Tableau (Udemy) – September 2024

PROFESSIONAL EXPERIENCE

DB4 Cloud Technologies | Data Analyst Intern   May 2025 – August 2025
- Performed ETL processes using Power Query to build a star schema data model for a Global Crop Production Dashboard. Developed interactive HR and operational dashboards in Power BI utilizing DAX to calculate KPIs, track trends, and analyze attrition for data-driven decision making.

SpacECE India Foundation | Data Science Intern   January 2025 – April 2025
- Optimized an AI-powered Bedtime Story Generator using the Gemini API and built an Interactive Parent-Child Activity Planner with Flask and ML. These ML-driven applications enhanced personalized learning and engagement for children aged 2-8 years.

PROJECTS

Walmart Sales Analysis   July 2025 - July 2025
Python | PowerBI | Machine Learning
- Engineered temporal features and developed a Random Forest forecasting model that achieved a 0.99 R-squared score, accurately predicting weekly sales to inform inventory and staffing decisions.
- Conducted comprehensive Exploratory Data Analysis (EDA) using Python to identify key sales trends and built an interactive Power BI dashboard to visualize KPIs, enabling data-driven strategic planning.

MediSinCare   January 2025 - April 2025
Python | Machine Learning | Flask | Render
- Streamlined a machine learning model analyzing 100+ symptoms to predict 36 diseases, improving healthcare accessibility for underprivileged communities.
- Developed a web application providing personalized diet plans, home remedies, and yoga recommendations, achieving 100% accuracy in preliminary testing.

EXTRA CURRICULAR ACTIVITIES

DataVerse: Data Analytics Competition by KOED × IIM Lucknow   January 2025
- Placed in Top 10 nationwide (selected from 1,290+ entries) for data-driven business case solutions

Advitya, 2023 - VIT Bhopal University   February 2023
- Secured 1st place among competing teams for exceptional theatrical performance and stage presence in DARPAN Acting Competition.

ADDITIONAL INFORMATION

Languages: English, Hindi
Hobbies: Sports, Reading about Military Valor Stories