

MRIDUL KRISHAN CHAWLA

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EDUCATION

VIT Bhopal University

BTech in Computer Science and Engineering with specialization in AI/ML - **8.98/10**

Bhopal, India

September 2022 - Present

St. Mary's Convent School

Class XII - **89.8%**

Kasauli, India

March 2021 - May 2022

St. Mary's Convent School

Class X - **92.6%**

Kasauli, India

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

SpacECE India Foundation | Data Science Intern

January 2025 – April 2025

- Developed an Interactive Parent-Child Activity Planner using Machine Learning, Flask, and MongoDB to enhance engagement and improve interactive learning experiences for young children aged 4-8 years.
- Built an AI-powered Bedtime Story Generator using Gemini API with customizable parameters (mood, gender, age, hobbies) to simplify story selection for children aged 2-6 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

- Engineered 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 x IIM Lucknow

January 2025

- Placed in Top 10 nationwide (selected from 1,290+ entries) for data-driven business case solutions

100 Days of Data Science Challenge

November 2024 – February 2025

- 100-days deep dive into applied data science: consistently implemented Python, SQL and ML algorithms through daily hands-on practice.

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