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<https://www.linkedin.com/in/mansi-butola><https://github.com/MansiButola1234>**ACADEMIC DETAILS**

Year	Degree/Exam	Institute	GPA/Marks(%)
Jul, 2022 - Jul, 2026	B.TECH in Computer Science	Graphic Era University Dehradun	8.03/10.0 %
2022	STATE BOARD	S.V.M.I.C	92.2 %
2020	STATE BOARD	S.V.M.H.S.S	95.5 %

PROJECTS

- **Student Record Management System**(jan,2024 - feb,2024) :Project: Developed a Student Record Management System in C using file handling and data structures to manage student records, including adding, viewing, modifying, searching, and deleting data. Implemented a secure admin login system for authorized access and enhanced the console UI with Windows API functions like gotoxy() for dynamic text positioning. Ensured data persistence through binary file operations and applied effective error handling for reliable performance.
- **Java Chat Application**(june,2024 - july,2024) :Project: Developed a real-time chat app using Java Swing for GUI and socket programming for client-server communication. Implemented multi-threading for seamless messaging, custom formatting, and real-time status updates.
- **Loan Prediction System**(Dec,2024 - jan,2025) :Project: Developed a loan prediction system using machine learning to assess loan eligibility based on applicant data. The project involved data preprocessing, handling missing values, and encoding categorical variables for model training. Built and evaluated classification models using Support Vector Machine (SVM) and Logistic Regression, achieving an accuracy of 83%.
- **Political Sentiment Analysis Using Twitter Data** :Project:(feb,2025 - march,2025):Project:Developed a sentiment analysis system to classify tweets about political figures using NLP and machine learning. Implemented VADER and BERT-based sentiment analysis to categorize tweets as positive, negative, or neutral. Preprocessed data by removing stopwords and punctuation, then visualized trends using Matplotlib and Seaborn. Provided insights into public opinion trends, useful for election analysis and policymaking.

TECHNICAL SKILLS

- **Languages:** Python , Java , C , C++ , HTML, SQL.
- **Machine Learning Tools** Scikit-learn,Seaborn and Matplotlib,VADER, BERT.
- **Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOPs) Concepts, Computer Networks, Cloud Computing, Software Engineering.
- **Specialized Areas:** Computer system security, Cloud Computing Basics.
- **Database:**SQL.

SCHOLASTIC ACHIEVEMENTS

- **NPTEL ONLINE CERTIFICATION COURSE** - Completed Google cloud computing through Swayam.

Signature

Date