Prapti Saxena
Email-id : **praptisaxena009@gmail.com**
Mobile No.: **8273672676**
https://www.linkedin.com/in/prapti-saxena-028b20268/

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Sep, 2022-Present	B.TECH in Computer Science	Graphic Era University Dehradun	9.11/10
2021	$12^{th} C.B.S.E$	St. Mary's sr. sec. school	96.00%
2019	$10^{th} C.B.S.E$	St. Mary's sr. sec. school	93.00 %

PROJECTS

- **Expense Tracker**   **Jan 2025**

  A web app for tracking income and expenses with secure authentication. Users can categorize expenses and visualize spending patterns using a circular chart. It provides a financial summary, including total income, expenses, and net balance.
  Tech Stack: MERN(React.js, Node.js, Express.js, MongoDB).

- **Travel Recommendation System**   **Dec 2024**

  A travel itinerary recommendation system based on user input (origin, destination, number of days, and budget). It combines the Gemini API for travel recommendations. The frontend is built using React.js, while Firebase is used for secure database storage, allowing users to manage their travel plans seamlessly.
  Tech Stack: React.js (Frontend), Firebase, Gemini API.

- **Sentiment Analysis**   **Jun 2024**

  Analyzed Coursera course reviews by classifying them into positive, negative, or neutral categories.
  Tech Stack: Python, NLTK, and LinearSVC and achieved an accuracy of 85%.

- **Spam Email detection using TensorFlow**   **Apr 2024**

  Designed a machine learning model to detect spam emails with 96% accuracy using TensorFlow. The project involved data preprocessing, feature extraction with tokenization and TF-IDF, and training a deep neural network for classification, resulting in an efficient spam email filtering system.
  Tech Stack: TensorFlow, Python, TF-IDF.

TECHNICAL SKILLS

- **Languages**: **C++** , **Python** , **Java**, **C**, **JavaScript**
- **Data Structures and Algorithms**: Solved 300+ problems on LeetCode and 100+ problems on codeforces, covering topics like arrays, linked lists, trees, dynamic programming, and graph algorithms.
- **Full Stack Development**: MERN(React.js,Express js,MongoDb,Node js), Django, React Native.
- **Database Management**: SQL,MongoDB
- **Machine learning**
- **Developer Tools**: VS Code, Git,GitHub, Jupyter Notebook

ACHIEVEMENTS

- **JPMC CODE FOR GOOD'24 RUNNER-UP**: Selected as one of the top **400** students, spent 24 hours working with an NGO to develop a real-time solution. Built a functional web app using the MERN stack, gaining valuable industry-level experience.

POSITIONS OF RESPONSIBILITY

- **National Service Scheme(NSS)**: Served as a senior crew member in the Public Relations Cell of the National Service Scheme(NSS).