

# Ansh Dabral

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## PROFILE:

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Highly motivated and detail-oriented final-year B.Tech student in Computer Science and Engineering with a strong foundation in data science, machine learning, and web development technology. Demonstrated ability to develop innovative solutions through practical experience in projects and internships. Possesses excellent problem-solving skills, a passion for learning new technologies, and the ability to work effectively in a team

## TECHNICAL SKILLS:

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- **Programming Languages:** Python, R, Java, HTML, CSS, Bash
- **Technologies:** Scikit-learn, TensorFlow, Django
- **Web Technologies:** Django, Streamlit, BeautifulSoup
- **Database:** MySQL, MongoDB, PostgreSQL
- **Tools:** Power BI, Jupyter Notebook, GitHub

## PROFESSIONAL Projects:

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- **E-commerce Website:** (Ongoing)
  - Developed a comprehensive ecommerce platform with features such as user authentication, product listings, shopping cart, and order management. Implementing a secure payment gateway integration and an admin dashboard for inventory management.
  - **Technologies:** Django, MongoDB, JavaScript, HTML, CSS,
- **Portfolio Website**
  - Developed a personal portfolio website to showcase projects and skills.
  - **Technologies:** HTML, CSS, JavaScript,
- **Chat-bot:**
  - Developed a Python-based chatbot using Flask for interactive text communication. The chatbot responds to user commands for greetings, weather updates, news headlines, jokes, fun facts, and mathematical calculations. Integrated APIs for real-time data retrieval and employed natural language processing to enhance user interaction through a responsive web interface.
  - **Technologies:** Python, Flask, Polars, BeautifulSoup, Requests, OpenWeatherMap API, Google News
- **IMDB sentimental analysis:**
  - Developed a movie recommendation system using Streamlit, which allows users to select a movie and get recommendations based on similarity in movie content. Employed Scikit-learn for machine learning tasks and NLTK for natural language processing. Utilized the TMDB API for fetching movie posters to display alongside recommended movie titles. Implemented a responsive web interface using Streamlit to facilitate user interaction and showcase movie recommendations effectively.
  - **Technologies:** Python, Streamlit, Pandas, Requests, Scikit-learn, NLTK

## EDUCATION:

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- **B.Tech in Computer Science and Engineering (Specialization in Data Science & Analytics)**
  - **University:** DIT University, Dehradun, Uttarakhand
  - **Duration:** 2020-2024

## CERTIFICATION:

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- Introduction to Data Science from University of Michigan
- AI for Everyone from DeepLearning.AI
- Tools for Data Science from Coursera.com
- Data Visualization with Power BI from Great Learning Academy