

# DHAIRYA

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<https://github.com/DhairyaX>

## EDUCATION

DRONACHARYA COLLEGE OF ENGG.  
GURGAON  
B.Tech CSE(AIML)  
Pursuing - 2<sup>nd</sup> year(2023-2027)

XII - CBSE (2023)  
Scored 86.8%

X - CBSE (2021)  
Scored 87%

## SOFT SKILLS

- Effective Communication
- Leadership
- Problem Solving
- Detail Oriented

## TECHNICAL SKILLS

- Languages  
Python, C, C++, Javascript
- Deployment  
Using Flask and Streamlit Framework
- Database  
MySQL ( PostgreSQL ), Power BI, MS Excel
- Tools  
Docker, Git

## CERTIFICATIONS

- Introduction to Artificial Intelligence- Infosys Springboard
- Intro to SQL - Kaggle
- Modernizing Python Applications: Migrating to Python 3.x - Infosys Springboard

## ABOUT ME

Second-year engineering student specializing in Artificial Intelligence and Machine Learning with a strong foundation in Python and data science. Skilled in developing and evaluating machine learning models, data preprocessing, and visualization. Eager to apply my technical knowledge and problem-solving abilities to real-world challenges in Python development or data science roles. Actively seeking opportunities to contribute to impactful projects while growing in a collaborative, learning-driven environment.

## EXPERIENCE

### DATA ANALYST INTERN - RUPEEREDEE (2 MONTHS)

During my internship, I developed and optimized interactive Power BI dashboards to visualize business performance metrics. I worked extensively with SQL to extract, clean, and analyze large datasets, and used Excel for data processing, trend analysis, and reporting. This experience strengthened my skills in data visualization, database querying, and translating raw data into actionable insights for decision-making.

## PROJECTS

### MOVIE RECOMMENDATION SYSTEM

Developed a movie recommendation system that suggests films based on the user's interests. The system uses a dataset containing movie information such as genres, ratings, and user preferences. By analyzing user input or viewing history, it applies filtering techniques (such as content-based or collaborative filtering) to recommend movies that match the user's taste.

### MEME SENTIMENT ANALYZER

Developed a machine learning-based tool to analyze the sentiment and societal impact of memes using Python, scikit-learn, and data from Twitter. The project involved data collection, preprocessing, sentiment classification, and visualization of public reactions. Applied NLP techniques to assess meme virality and emotional tone, providing insights into how memes influence public opinion. Designed to support research on digital culture trends and social media influence.

## EXTRA-CURRICULAR AND LEADERSHIP

- Working as a Volunteer in The Victors Club ( An AWS club in College)
- Served as team lead for a research project, guiding the end-to-end creation of a technical paper from ideation to final documentation.
- Led the Meme Sentiment Analyzer project, overseeing model design, data preprocessing, and evaluation using TensorFlow and scikit-learn.