

4th-year B.Tech Computer Science (AI/ML) student with hands-on experience in data preprocessing, machine learning, statistical modeling, and visualization using Python, SQL, Pandas, Scikit-learn, and TensorFlow. Completed internships in data science and analytics. Passionate about applying AI/ML solutions to real-world problems. Familiar with Git, Streamlit, Flask, and deployment tools.

SKILLS

Programming Languages: Python, MySQL

Libraries/Frameworks: NumPy, Pandas, Scikit-learn, TensorFlow, Matplotlib, Seaborn, Streamlit

Statistical Modeling: Hypothesis Testing, Linear Logistic Regression, Probability Theory, Statistical Inference

Machine Learning: Supervised Learning, Unsupervised Learning, Model Evaluation, Cross-Validation

Deep Learning: Artificial Neural Networks (ANN), Convolutional Neural Networks (CNN), Recurrent Neural Networks(RNN)

Data Analysis Skills: Data Cleaning, Exploratory Data Analysis (EDA), Feature Engineering, Handling Imbalanced Data, Web Scraping

EXPERIENCE

Data Science Intern

Jun 2024 — Jul 2024

Snapdeal (via Mentormind)

Remote

- Segmented 5 customer groups using K-means to improve marketing focus.
- Analyzed user transaction data to find behavioral patterns and improve marketing focus.
- Applied RFM (Recency, Frequency, Monetary) analysis for effective customer profiling.
- Used Python (Pandas, scikit-learn) to clean data and build models, cutting processing time by 30%

Data Analytics Intern

Jun 2024 — Aug 2024

IBM SkillsBuild (CSRBOX Foundation)

Remote

- Completed a 6-week internship focused on data analytics as part of IBM's SkillsBuild program.
- Learned and applied key concepts in data preprocessing, analysis, and visualization.
- Worked on tasks involving data cleaning, trend identification, and business insights generation.
- Used Python and visualization libraries to analyze datasets and present insights.

PROJECTS

Movie Recommender System

- Built a movie recommender system using cosine similarity and content-based filtering in Python.
- Created an interactive frontend using Streamlit and deployed the app online.
- Code:** github.com/Abhipratapsingh123/ML_projects-Movie_Recommender

WhatsApp Chat Analyzer

- Created a tool to analyze WhatsApp group chats for message frequency, media sharing and user activity.
- Used Python with pandas, regex, and matplotlib for data parsing and visualization.
- Deployed the tool with Streamlit and published source on GitHub.
- Code:** github.com/Abhipratapsingh123/ML-project-Whatsapp_chat_analysis

Face Recognition-Based Attendance System

- Built an automated attendance system using OpenCV and LBPH, tested with 20+ unique faces.
- Used Haar Cascade to detect faces in real-time with 90-95% accuracy under ideal lighting.
- Created a Flask interface to log attendance in under 2 seconds per detection.
- Code & Documentation:** github.com/Abhipratapsingh123/Attendance_with_face_recognition

EDUCATION

Bachelor of Technology in Computer Science (AI/ML) Sushant University, Gurugram

2022 – 2026

Activities: Coding competitions, hackathons, and tech club participation

CGPA: 8.71 / 10