

Dhruv Sharma

Aspiring Software Engineer | Competitive Programmer

Targeting **Software Engineer** roles with an organization of high reputation with a scope of improving knowledge and further career growth.

Contact



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Academic Details

- **Bachelor of Technology (B.Tech) Computer Science & Engineering**
JECRC Foundation, Jaipur;
CGPA: 7.39/10;
Expected Graduation: June 2025

Soft Skills

Analytical | Collaborator | Leader | Flexible

Technical Skills

- **Programming Languages:**
C/C++, Python, Java
- **Tools and Technologies:**
MySQL, GitHub, Jupyter, VS Code
- **Platforms:**
Windows

Core Competencies

Communication Abilities

Solution-Seeking Skills

Teamwork and Collaboration

Adaptability and Flexibility

Leadership and Management

Programming and Software Development

Data Analysis and Machine Learning

Operating Systems

Profile Summary

- Aspiring Software Engineer with a strong foundation in Computer Science and Engineering.
- Proficient in **competitive programming** and enthusiastic about **machine learning**.
- **Developed a highly scalable attendance system** which can be used regularly in colleges.
- Seeking a software engineering role to leverage **technical skills, problem-solving abilities**, and **enthusiasm** for innovation in **real-world applications**.
- Known for **initiative-taking approach, quick learning ability**, and **dedication to continuous improvement**

Academic Projects

Smart Attendance System

June 2023 – August 2023

Tools: Face Recognition, OpenCV, MySQL, Numpy, Python

Built a Smart Attendance system for automatic face recognition and timestamped attendance, reducing attendance time by 80%.

Responsibilities:

- Achieved 95% accuracy in face detection and recognition using OpenCV and Face Recognition libraries, reducing detection time to under 2 seconds per frame.
- Managed attendance data for 200+ students in MySQL, enabling real-time tracking of late arrivals with processing speed under 1 second per entry.
- Reduced registration time by 50% and increased user satisfaction with a Tkinter-based GUI.
- github.com/Dhruv153/Smart-Attendance-System

Movie Recommendation System

June 2022 – August 2022

Tools: Pandas, Tkinter, Python

Created a movie recommendation system with personalized suggestions based on viewing history and preferences, achieving an 85% user satisfaction rate.

Responsibilities:

- Analyzed a dataset containing IMDB ratings and genres of over 1500 movies.
- Identified the top 3 most similar movies using correlation based on genre.
- Designed a GUI for movie selection and recommendations, enhancing user engagement by 40%.
- github.com/Dhruv153/ML_Training/tree/master/movie%20recommender

Academic Achievements

- 5 Star in C++ on HackerRank.
- 640+ Points (190+ Problems solved) on GeeksforGeeks.
- 180+ problems solved on LeetCode.
- 3 star (1632 max rating) on Codechef.

Trainings and Certificates

- Cyber Security Risk & Regulatory Launchpad - **PwC Acceleration Centers** (2024)
- Machine Learning with Python (Basic) - **Upflairs Pvt. Ltd.** (2022)
- Coding for Everyone: C and C++ - **Coursera** (2022)

Interests

Machine Learning, Data Structures and Algorithms, Competitive Programming, Object-Oriented Programming (OOPS), RDBMS, GUI development

Personal Details

Date of Birth: 15th March 2004

Languages Known: English and Hindi

Address: Ratlam, Madhya Pradesh