

# Chanderveer Thakur

Aspiring Data Scientist | Chandigarh

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## Profile Summary

- Python Developer Fresher with strong knowledge of Python, OOP, SQL, and REST APIs. Skilled in backend logic, debugging, and building small projects using Django/Flask. Eager to learn and contribute.

## Education

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| • <b>Chandigarh University</b><br>MSc Data Science<br>7 CGPA                                       | 2024-2026 |
| • <b>DAV College Amritsar Affiliated by Guru Nanak Dev University</b><br>B.Com (Statistics)<br>70% | 2020-2023 |
| • <b>D.A.V School Amritsar Affiliated by P.S.E.B</b><br>Senior Secondary<br>84%                    | 2020      |

## Skills

- Python Programming Language
- SQL(Structured Query Language)
- Version Control System (Git, GitHub)
- Django Framework
- FastApi
- Vector Database (Pinecone)
- Deployment
- Power BI

## Projects

- RAG-based Chatbot using Groq and FAISS**

Built a Retrieval-Augmented Generation (RAG) chatbot that answers user queries using custom documents. Implemented document embedding and similarity search using FAISS. Integrated Groq LLaMA model to generate accurate, context-aware responses.

- News Generator Using NewsApi**

Developed and deployed a Django-based web application that fetches and displays real-time bilingual news using the News API, hosted on Render.

- Movie Recommendation System**

Link: <https://movierecommendation-hbtg5g9qddgbrh4xcnducm.streamlit.app/>  
Developed a personalized movie recommendation system using machine learning techniques to predict user preferences.

## Certification

- Python Programming Certified.**

Completed two-month training in Python, focusing on data manipulation, automation, and problem-solving through practical projects.

- SQL Certified.**

Completed one-month certified training in SQL (CACMS), gaining hands-on experience in database querying, management, and optimization.