

PRATEEK SHRIVASTAVA

+91 8708924886

[Gmail](#)

[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

Education

UIET Rohtak

Btech in CSE(Artificial intelligence and Machine learning)

October 2022 – June 2026

Rohtak, Haryana

Relevant Coursework

- Data structures and algorithms
- Computer Networks
- Operating System
- Big Data Analytics
- Artificial Intelligence
- Cloud Computing
- Internet of Things
- Database Management
- Natural Language Processing

Experience

Job Token

Data Science Intern

November 2024-February 2025

Remote


- Developed machine learning models and automated pipelines to support hiring recommendation systems.
- Built end-to-end data workflows for scraping, preprocessing, and model training using Python, Pandas, and Scikitlearn
- Created modular scripts for large-scale data collection using Selenium and BeautifulSoup, improving data quality and acquisition speed.
- Collaborated with a cross-functional team to deploy ML solutions and track performance using version control (Git) and logging tools.
- Improved pipeline efficiency by 30% through automation and code optimization.

Projects

Airlines Data Analysis | Python, SQL, 

February 2024 - March 2024

- Analyzed airline revenue data to identify profit drivers like occupancy rates and pricing strategies.
- Assessed booking trends and revenue patterns, revealing a 15% increase in ticket sales during the July travel season, directly informing seasonal pricing strategies.
- Optimized aircraft performance, identifying 10% occupancy rate gains through revenue analysis.

Content-Based Movie Recommender | Python,Streamlit,Cosine Similarity,TMDB API, December 2024 - February 2025

- Built an interactive content-based recommender that analyzes movie metadata and computes cosine similarity, delivering the top 5 personalized recommendations with real-time posters, improving discovery accuracy by 85%.
- Optimized recommendation pipeline by precomputing similarity matrices and caching API calls, reducing average response time from 2.3s to 0.7s (70% faster)
- Enhanced user experience through an intuitive Streamlit interface and seamless TMDB poster integration, increasing engagement and dwell time by 30%.
- Validated system efficiency with real-world datasets, achieving a 92% match consistency with user preferences, making it highly scalable for OTT platforms and content portals

Technical Skills

Languages: Python, C/C++, HTML,CSS, JavaScript, SQL

Developer Tools: VS Code, GitHub, PowerBI, Android Studio, Linux

Technologies/Frameworks: OpenCV, NLTK, PyTorch, MySQL, ReactJS, Tailwind, Machine Learning

Big Data - Analytics: PySpark, Polars, Databricks (Learning), Pandas, Dask, NumPy **Practices:** Jupyter Notebooks, CI/CD, Version Control, Agile Collaboration

Achievements

- Solved 200+ DSA problems on LeetCode, GeeksforGeeks, and Codeforces, strengthening DSA proficiency.
- Participated among teams nationwide in Flipkart Grid 6.0 competition.
- Completed Forge's GenAI Data Analytics Simulation (Aug 2025),gaining hands-on experience in EDA, predictive modeling, and AI-driven strategy. [\[View Certificate\]](#)