ANKUSH MANCHANDA

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🐙 https://ankush-manchanda.github.io/Ankush-devhub.github.io/

About Me

I'm an enthusiastic B.Tech CSE (AI & ML) student with a strong foundation in programming languages like R, Python, and C++. My passion for Artificial Intelligence and Machine Learning has led me to gain hands-on experience through various internships and workshops. Skilled in web development and data analytics, I am eager to apply my knowledge to solve real-world challenges.

Education

B.Tech

MAHARSHI DAYANAND UNIVERSITY

08/2022 - 06/2026

ROHTAK,HARYANA

Skills

- Artificial Intelligence
- Python
- R Programming
- OOPS
- Critical Thinking
- Leadership

Language

- Python
- C++
- R Programming
- HTML & CSS

Experience

Intern   07/2024-08/2024
IBM SkillsBuild & CSRBOX

AI & ML Summer Internship
- Worked on AI & ML concepts, gaining practical exposure to real-world applications.
- Explored AI tools, data preprocessing, and model implementation.

Participant   02/2025
Forage - Walmart Global Tech

Advanced Software Engineering Job Simulation
- Applied advanced data structures, software architecture, and database design in a simulated project.
- Gained experience in data mining and relational database optimization.

Participant   *02/2025*
Forage - Citi

Software Development Job Simulation
- Developed state diagrams, feature proposals, and data queries for software applications.
- Worked with live data visualization and software development best practices.

Real World Project   *04/2025-06/2025*
Retail Store Analytics using Computer Vision

Technologies: YOLOv8, Streamlit, OpenCV, Pandas, NumPy, Matplotlib
- Developed a retail store analytics web application using YOLOv8 for object detection and footfall analysis.
- Implemented zone-based detection and real-time tracking of customers using OpenCV.
- Built an interactive dashboard using Streamlit to visualize customer movement, heatmaps, and analytics.
- Utilized Pandas and NumPy for data preprocessing and aggregation; Matplotlib for data visualization.

COURSES

- **Virtual Internship on AI & ML – IBM SkillBuild**
- **Virtual Boot Camp on Machine Learning – IBM SkillBuild**
- **Data Analytics Courses – Various platforms**
- **Additional coursework in Python, Java, SQL, and Web Development**