

SAMEER CHAKRAVEDI

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ABOUT ME

Aspiring **Artificial Intelligence professional** with strong hands-on academic and internship experience in **data analysis, machine learning, and computer vision**. Proficient in Python and industry-standard libraries, with a proven ability to build, train, and deploy real-world AI solutions. Known for analytical thinking, problem-solving skills, and the ability to translate complex data into actionable insights. Highly motivated, fresher, eager to learn, grow, and contribute effectively to innovative technology teams.

EXPERIENCE

TDBAI | Sep 2025 – Dec 2025

- I worked extensively on **Computer vision and Object detection projects** using **YOLOv8**.
- Trained **custom object detection models** using datasets prepared and managed on **Roboflow**.
- Performed **data annotation, preprocessing, model training, evaluation, and deployment** for real-world applications.
- Assisted in building and testing **FastAPI-based backends** for AI model integration.

Technologies: Python, OpenCV, YOLOv8, Roboflow, FastAPI, Object Detection

EDUCATION

Bachelor of Technology (bachelor of technology) – Artificial Intelligence

SAGE University, Indore

Aug 2023 – Jun 2027

Higher Secondary (12th) – MP Board

Govt. Gyanoday Vidyalaya, Indore

Apr 2022 – Mar 2023

Secondary (10th) – MP Board

Govt. Gyanoday Vidyalaya, Indore

Jul 2020 – Apr 2021

PROJECTS

Movie Recommendation Website

- Developed a **movie recommendation system** that suggests movie based on **user behavior and preferences**.
 - Implemented **content-based filtering** using **cosine similarity** to recommend relevant movies.
 - Analyzed **user interactions (clicks, watch history)** to improve recommendation accuracy.
 - Designed the backend logic using Python and machine learning concepts for scalable recommendations.
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TECHNICAL SKILLS

- **Programming & Databases:** Python, SQL, MySQL
 - **Data Analysis & Visualization:** NumPy, Pandas, Matplotlib, Seaborn
 - **Machine Learning:** Scikit-learn
 - **Computer Vision:** OpenCV, Roboflow, YOLOv8
 - **Web & APIs:** Django, Fast API
 - **Tools & IDEs:** Git, GitHub, Jupyter Notebook, VS Code
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LANGUAGES

- **Hindi:** Native
- **English:** Intermediate