

SAURABH PRAJAPATI

AI | ML | Data Science

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SUMMARY

I am a Tech-focused student specializing in artificial intelligence and machine learning with versatile programming language proficiency. Quick to master emerging technologies with proven adaptability. Seeking opportunities to apply AI expertise in innovative environments.

EDUCATION

	B.Tech(Hons.) in Computer Science and Engineering (Specialization in Artificial Intelligence) Chhattisgarh Swami Vivekanand Technical University 📅 08/2023 - Present 📍 Bhilai, India	GPA 9.29 / 10
	Senior Secondary Pt. Ramkinkar Upadhyay Vidyapith, Kachhwa , Mirzapur 📅 2021 - 2022	Percentage 90.4 / 10

PROJECTS

Weather Forecasting

📅 09/2024 - 11/2024 📍 Bhilai, India
🌐 www.github.com/SaurabhExpertInnovator/Weather
Predicts weather of a city

- Developed clean front-end and simple interface with HTML, CSS and Javascript , enabling users to access accurate predictions through intuitive location search.
- Provides interactive visualization of temperature, precipitation and wind conditions.
- Backend uses APIs for real-time data which gets updated in 1 hour.
- Tools: HTML, CSS, JavaScript, APIs

Movie Recommendation System

📅 01/2025 📍 Bhilai, India
Recommends movies based on interest of individual

- Designed and implemented a recommendation engine using a ML algorithms.
- By suggesting relevant movies, the system aims to enhance the user's movie-finding experience and encourage engagement.
- Tools: Python, NLP, Scikit Learn, Naive Bayes Classification , Streamlit

Music Genre Classification

📅 04/2025 📍 Bhilai, India
Classify songs into genres like Pop, Jazz , Rock

- The primary goal is to build a model that can accurately predict the genre of a given audio file.
- This involves using machine learning algorithms to learn patterns from audio data and classify music accordingly.
- Tools: Python, Librosa, Keras, Sound file, TensorFlow

SKILLS

Computer Vision		Machine Learning	
Artificial Intelligence		Data Science	
TensorFlow	PyTorch	Scikit Learn	
Python	Numpy	Pandas	Matplotlib
Seaborn	MATLAB	Jupyter	VS Code
DBMS	C/C++	R for Data Science	
HTML	CSS	JavaScript	
Probability & Statistics			

STRENGTHS

- 💎 Problem Solving Skills
- ★ Teamwork and Persuasion Skills
- 💎 Leadership Quality

TRAINING / COURSES

Supervised Machine Learning : Regression and Classification

Stanford University(Coursera)

Computer Vision & Image Processing Onramp

MathWorks

KEY ACHIEVEMENTS

- 🏆 **Appreciation Certificate**
Earned by Completing MATLAB Onramp Challenges organised by ARK Infosolutions.

INTERESTS

- 💎 Exploring AI applications in healthcare, climate science or economics
- 👤 Developing models based on AI/ML