

Prince Singh Rathore

Jodhpur, Rajasthan | +91 9351412206 | princesingh919305@gmail.com

PROFILE

Web developer with experience in HTML, CSS, and JavaScript, and a passion for building responsive and user-friendly websites. Currently pursuing a B-Tech in Computer Science with a specialization in Artificial Intelligence and Machine Learning, aiming to apply my technical skills in both web development and AI/ML projects to create innovative solutions.

SKILLS

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- Programming: Python, C, JavaScript, HTML, CSS, Java
 - Database: MySQL, MongoDB
 - Data Analysis: Pandas, NumPy
 - Prompt Engineering: Skilled in designing and optimizing prompts for AI/ML models to improve performance and generate accurate outputs
 - Soft Skills: Teamwork, problem-solving, fast learner

PROJECTS

Video Translating Tool for Tourists

Developed a Python-based video translating tool to help tourists share their adventures globally. The tool's backend processes include extracting audio from video, converting it to text, translating the text, and converting it back to audio.

Technologies used include:

- Python: For backend development
- Speech-to-Text Conversion: For converting audio to text
- Text Translation: For translating text into the desired language
- Text-to-Speech Conversion: For converting translated text back to audio
- HTML, CSS, JavaScript: For creating and connecting the user-friendly website interface with the backend system

Face Recognition Attendance Management System

Developed a Python-based Face Recognition Attendance Management System that automates attendance marking by recognizing student faces from classroom images. The system enhances accuracy and reduces manual efforts in attendance tracking.

Technologies used include:

- Python: For backend development
- OpenCV & face_recognition: For face detection and recognition
- MySQL: For database management
- HTML, CSS, JavaScript: For creating and connecting the user-friendly website interface with the backend system

EDUCATION

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- Jodhpur Institute of Engineering & Technology (2023-Present)
Bachelor of Technology in Computer Science
(Specialization in Artificial Intelligence and Machine Learning)
 - Central Academy Senior Secondary School, Jodhpur (2013-2023)
Completed High School