

KASHISH PRATAP

Chirawa ,Rajasthan

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EDUCATION

Lovely Professional University, Phagwara

2022 – 2026

B.Tech - Computer Science and Engineering - CGPA - 8.73

Phagwara, Punjab

Tagore Children Academy ,Surajgarh

2020– 2021

Higher Secondary (Maths, Physics, Chemistry) Percentage - 99.40

Surajgarh, Rajasthan

PROJECTS

Personalized Medicine Recommendation System [↗](#) | [Python Libraries](#), [Streamlit](#), [Sklearn](#) **Jan 2025**

- Engineered an AI-driven recommendation system for personalized medication suggestions based on user symptoms and medical history, with 85% accuracy. Performed comprehensive data preprocessing, including cleaning and feature engineering, which improved model performance by 30% and reduced data inconsistencies by 25%..
- Deployed machine learning models such as Decision Trees Random Forests via Sklearn, optimizing medication recommendations.
- Leveraged Python libraries like Pandas, NumPy for data manipulation and Matplotlib, Seaborn for insightful visualizations, aiding in clearer decision-making.

Face Detection Attendance System [↗](#) | [Python Libraries](#), [OpenCV](#)

Nov 2024

- Developed an automated system to mark attendance using face detection technology.
- Implemented facial recognition algorithms to identify individuals with 95%+ accuracy from video streams.
- Utilized OpenCV for image processing, optimizing identification speed by 40%.
- Integrated a database to log attendance records securely.
- Designed a user-friendly interface for efficient attendance management.

Weather Prediction - Application [↗](#) | [HTML](#), [CSS](#), [JavaScript](#)

2023-2024

- Develop dynamic web app **Open Weather API** using the for real-time weather data.
- Displayed temperature, humidity, and wind speed with a user-friendly interface.
- Implemented advanced **JavaScript** techniques for asynchronous **API calls** and live updates.
- Optimized forecasts by integrating interval-based updates for accuracy.

SKILLS

Languages: Python,C, C++, Java,R, SQL

Technologies/Frameworks: HTML5, CSS3, OpenCV, Streamlit, PyTorch, MongoDB,MySQL

Frameworks Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn

Core Concepts: Computer Networks, OOPs, Operating System, DSA

Soft Skills: Adaptive Learner, Consistency, Time Management, Problem-Solving, Team Collaboration

CERTIFICATIONS

- Mastering Data Structure and Algorithms - CodeHelp
- Generative AI, Prompt Engineering LLM - Coursera
- Introduction to MongoDB - MongoDB Official Course

EXTRACURRICULAR

- Taught basic C++/DSA in offline Mode. 05-2021 – 12-2021
- Competitive Coding: Solved 400+ problems on LeetCode, GFG, and HackerRank, achieving a 100-Day Streak Star on LeetCode and a 5-Star rating on HackerRank.
- Participated in multiple hackathons, demonstrating problem-solving skills and teamwork, and secured 3rd place in one of them.