

Mehak kumar dua

Contact information

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PROFESSIONAL SUMMARY

Computer Science Engineering student with skills in Python, frontend development, and the MERN stack. Experienced in creating responsive applications and actively expanding expertise in web technologies through projects like the 'Smart Diet and Exercise Scheduler.' Known for a strong work ethic and problem-solving abilities, eager to contribute innovative solutions in a collaborative tech environment.

SKILLS

Python	Git	Strong interpersonal skills
javascript	Github	Proactive and self-motivated
HTML,CSS,Javascript	Vs code	Exceptional organisational skills

PROFESSIONAL EXPERIENCE

Smart diet System

October 2024

Developed a Smart Diet System using Python for backend logic and HTML/CSS for the frontend interface. The system allows users to input personal health data and receive personalized diet recommendations based on their fitness goals and preferences. Features include tracking meal progress, suggesting recipes, and setting reminders for meals. It also integrates an easy-to-use frontend for users to interact with the system and view daily nutritional data.

Face recognition System

Jan 2023

Created a face recognition system using Python and libraries such as OpenCV and face_recognition. The system is capable of detecting and recognizing faces in real-time through webcam input. It included pre-processing of images, face feature extraction, and the application of machine learning models for face classification. The project focused on optimizing performance for accurate recognition under varying lighting conditions and angles.

4 Way Chess

May 2022

Developed a 4-way chess game in Python, utilizing object-oriented programming to model chess pieces and game logic. Implemented multiplayer functionality, allowing users to play with others through a local network. The project involved creating an intuitive text-based user interface, ensuring smooth gameplay and the accurate enforcement of chess rules, including special moves like castling and en passant.

EDUCATION & CERTIFICATIONS

Bachelor of Engineering in Computer Science

Chandigarh university, 2025(Expected)

7.2 Cgpa

Mern Stack Development(In Progress)

Learning HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, and other full-stack technologies through online courses and hands-on projects.

EXTRACURRICULAR ACTIVITIES

Chess,Captain

Saraswati School

Linkedin and GitHub

Regularly update linkedin with professional achievements