

Simran

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Education

VIT Bhopal University

B. Tech - Computer Science and Engineering | CGPA: 8.3

Expected 2026

Universal Public Higher Secondary School, Chandauli

ISCE | Percentile: 76 %

2021

St. John's Secondary School, Chandauli

ICSE | Percentile: 82 %

2019

Projects

Machine Learning

Sign Language Detection

Feb'25

Hospital Management System | *Python, Django, MySQL, React JS*

- Developed a hospital management system to streamline patient records, doctor appointments, and billing processes.
- Implemented role-based access for doctors, patients, and administrators.
- Integrated a database for secure storage and retrieval of patient information.
- Improved efficiency in hospital operations by automating appointment scheduling and medical record management

Job Seeking Web Application (MERN Stack) | *HTML, Tailwind CSS, Javascript, ReactJS, MongoDB*

- Developed a job seeking web application using the MERN stack tailored for remote job seekers.
- Integrated resume template generation and job application features.
- Implemented job filters based on user availability.
- Utilized MongoDB, Express.js, React, and Node.js for seamless performance and user experience.

Hobbies

- Playing outdoor sports.
- Dancing.

Accomplishments

- Completed Internship at Indian Space Lab – 2024-25

Additional

Technical Skills:

Proficient in Python, Java, SQL, MATLAB, Excel, HTML, CSS, Javascript, Machine Learning.

Skills: DSA , 200+ problems in Leetcode, 5-star Hackerrank coder, 50+ problem in GFG.

Soft skills : Ability to debug and optimize code efficiently, Quick learner, adapting to new technologies and frameworks, Ability to meet deadlines while managing academic and project work.

Languages: English, Hindi

Certifications & Training:

Python Data Structures and Algorithms (LinkedIn) – Jan 2023,

The Bits and Bytes of Computer Networking (Google) – Dec 2023.

Machine Learning with Python: Foundations(LinkedIn) - November 2024

Cloud Computing by IIT Kharagpur - May 2024