Shikha Soni

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Education

Madhav Institute Of Technology and Science	Gwalior , Madhya Pradesh , India
Masters of Computer Application – 1 year CGPA : 8.18	06/2024 – 08/2026
Kamla raja Girls Government Higher Secondary College	
Bachelor of Computer Application – CGPA:72	06/2021-08/2024
CM Rise Padmaraje Girls Government Higher Secondary School	
Higher Secondary School – 86.6%	04/2020-05/2021
Fort View School	
High School – 85.6%	04/2018-05/2019

Technical Skills

Programming Language: C++ , Python
Web Development: Node.js , Express , HTML5 , CSS3 , javascript , PHP , MySQL , React.js.
Developer Tools & Deployement: Git , GitHub.
Computer Science Fundamenetals: Data Structure & Algorithm (DSA) , Object-Oriented Programming (OOPS) , Computer Networks , Operating System , Database Management System.
Other Technologies: Internet of Things (Iot) , Emerging Technologies.

Projects

Exam Monitoring System-Cheating Detection System| Python , Machine Learning , OpenCV
- Designed a real-time proctoring tool detecting head movement, multiple faces, and mobile phone usage to identify suspicious behavior.
- Integrated machine learning algorithms for behavior classification, improving detection accuracy by over 35% ,display live alerts and recorded ,simplifying examiners', monitoring tasks.

Hospital Management System-Web Application| MySQL , PHP , HTML , CSS , JavaScript
- Built a dynamic web platform for patient registration and appointments and medical record .
- Developed responsive front-end dashboards , enabling staff to manage daily operation .

Fingerprint Door Lock-Biometric Security| Arduino , Fingerprint module , Relay Module , Regulator
- Programmed Arduino microcontroller to store and match fingerprint data for real-time access.
- Designed compact hardware setup, reducing installation complexity and ensuring reliability.

My Portfolio website- Webfolio| HTML , CSS , GitHub
- Created personal portfolio showcasing projects.
- Used responsive design for all devices , integrated GitHub for live project updates.

Internship & Courses Certificate

- **NPTEL:** Foundation of Cloud IoT Edges ML (IIT Kanpur)- **70%**
- **Udemy:** MySQL For Beginners: A Complete Training For Beginners   Date-Jan, 13,2025
- **Code Alpha:** Full Stack Development Internship