

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 Padma raja 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 Languages: C++ , Python
Web Development: Node.js , Express.js , HTML , CSS , JavaScript , PHP , MySQL , React.js , Bootstrap , Grid , Flexbox , APIs , PostgreSQL , SQL , Version Control (Git) , GitHub , jQuery .
Developer Tools : Git , GitHub , VS Code.

Projects

Exam Monitoring System-Cheating Detection System| Python , Modal Training (ML) , OpenCV .

- A real-time AI-based proctoring tool that detects cheating behavior during online exams using Webcam input.

Features:

- Real-time webcam-based proctoring system.
- Machine learning model trained for cheating behavior pattern detection 90% accuracy.
- Track head movement, phone use, and multiple faces via OpenCV.

Hospital Management System-Web Application| MySQL , PHP , HTML , CSS , JavaScript .

- Developed a robust full-stack web application to streamline hospital operations, including Managing patient records, doctor schedules, and appointment booking.

Features:

- Handles appointment scheduling, doctor/patient records, and reports.
- Built using PHP, MySQL, JavaScript, HTML/CSS.
- Supports 20+ users simultaneously with secure data handling.

Fingerprint Door Lock-Biometric Security| Arduino , Fingerprint module , Relay Module .

- Built a biometric security system using Arduino and fingerprint recognition to control door Access. Using fingerprint-based access for enhanced home or lab security.

Features:

- Uses Arduino, fingerprint sensor, and relay module.
- Provides live matching for unlocking access.

My Portfolio website- Webfolio| HTML , CSS , GitHub

- A responsive personal website to showcase projects, skills, and GitHub profile.

Features:

- Created and deployed a personal website **showcasing 5+ projects**.
- Fully responsive across devices with integrated GitHub for version control.

Internship & Courses Certificate

- **NPTEL:** Cloud IoT Edges ML (IIT Kanpur) **Score: 70%**
- **Udemy:** MySQL For Beginners: A Complete Training For beginners Date-Jan, 13,2025
- **Deloitte:** Coding Development: Virtual internship Date-July 1st, 2025
- **Udemy:** The Complete Full-Stack Web Development Bootcamp **Dr. Angela Yu**
- **Udemy:** Mastering Data Structures & Algorithms using C and C++ **Abdul Bari**
- **Udemy:** Learn C++ Programming – Beginner to Advance – Deep Dive **Abdul Bari**