

SHANTANU RAGHUWANSHI

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Bachelor of Technology (BTech)

Electronics and Telecomm. Engineering

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EDUCATION

.Madhav Institute of Technology and Science,Gwalior

2022-2026

Btech Electronics And Telecomm. Engineering

CGPA: 7.2

.Govt. H.S. Excellence School

2021

Board of Secondary Education,Madhya Pradesh

Percentage:80%

.Tara Sadan Sr Sec School

2019

Central Board of Secondary Education,Madhya Pradesh

Percentage:82%

PROJECTS

ADVANCE DOOR LOCK SYSTEM

Jan2025–May2025

This project focuses on building a secure and automated door locking system using Arduino Uno, designed to replace traditional mechanical locks with an electronic password-protected solution. It features a 4x4 keypad for user input, a servo motor to control the locking mechanism, and a GSM module for real-time SMS alerts. The system aims to enhance security by allowing remote monitoring and alerting the user of unauthorized access attempts

Tools:ArduinoUno,ArduinoProgramming

Responsibilities:

- Designed a password-protected door lock using Arduino Uno, 4x4 keypad, and GSM module.
- Enabled SMS notifications for successful and failed login attempts.
- Controlled servo motor for automated door locking/unlocking.
- Added a lockout feature after multiple incorrect attempts.
- Gained experience in embedded systems, GSM communication, and microcontroller programming.
- Proposed future upgrade for integration into safety systems (e.g., fire detection, intruder alerts, IoT-based monitoring).

TECHNICAL SKILLS AND INTERESTS

Languages: C++,HTML,CSS,Basics of Python **Frameworks:**

SoftSkills: Communication Skills,Problem Solving,Teamwork,Adaptability, Attention to details

ACHIEVEMENTS

Minor project recognized as one of the best at department level.