# Himanshu Singh Rajput

Looking for an opportunity to utilize my acquired skills and training to help the company and future peers grow. I want my efforts to make a considerable difference in the company and help in their consequent success.

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## EDUCATION

### B.Tech. (IT-Artificial Intelligence & Robotics)
Madhav Institute of Technology & Science
*2021 - Present*                    *Gwalior, Madhya Pradesh*

### Diploma in Computer Science
Dr. B.R. Ambedkar Polytechnic College
*2016 - 2020*                       *Gwalior, Madhya Pradesh*

### Class X
Victor Convent High Secondary School
*2015 - 2016*                       *Morena, Madhya Pradesh*

## PERSONAL PROJECTS

### Home Automation System (10/2022 - 11/2022)
- Automated Door: Using an Arduino-controlled motor or solenoid, enable automatic opening and closing of the room door to increase convenience and accessibility.
- Lighting, and Fan Control: Utilise a mobile app to automate lighting and fan operations, giving users easy access to brightness, fan speed, and on/off functions for individualised comfort and energy efficiency.
- Tools and sensors: Arduino NANO or Uno , 1- Channel Relay Module, Solenoid Lock, RFID Module (RC522).
- Software and Editor: Arduino IDE, Window or Linux .

### Object Detection Vehicle (03/2023 - 04/2023)
- Electronics enthusiasts have a great chance to gain practical experience with this project. Future development of advanced autonomous systems may benefit from it.
- Tools and sensors: Arduino NANO or Uno , HC-SR04 Ultrasonic Sensor, LM298N Motor Driver Module, 5V DC Motors.
- Software and Editor: Arduino IDE, Window or Linux .

### Stock Market Analysis and Prediction (03/2023 - 05/2023)
- Utilizes historical stock market data and machine learning algorithms for analyzing trends and predicting market movements.
- Sends timely market insights and predictions to users through SMS and email alerts, enhancing communication and accessibility.
- Integrates APIs to access real-time financial data, enabling accurate analysis and informed decision-making.
- Enables financial institutions and investors to create accurate financial statements and make informed investment decisions based on analysed and current market data.

## SKILLS

Basic Of C++   HTML   CSS   JavaScript   MySql   DBMS   UI Design   Python

## ACHIEVEMENTS

**Smart India Hackathon (04/2022)**
*Organized by Government of India, Selected at College Level*

**Kavach Hackathon (04/2023)**
*Organized by Cyber Cell, Government of India, Selected at College Level*

**Rajasthan IT Day Hackathon (03/2023)**
*Organized by Physics Wallah in Jaipur.*

**The AI Club (2022 - Present)**
*Working as a Coordinator & Web Developer*

## CERTIFICATES

**Training in Computer Networking (03/2018 - 04/2018)**
*Dr. B.R. Ambedkar Polytechnic College*

**Internship in Soft Skills (05/2022 - 06/2022)**
*Madhav Institute of Technology & Science*

**Internship in Web Development (06/2023 - 07/2023)**
*Bharat Intern*

## LANGUAGES

English
*Professional Working Proficiency*

Hindi
*Full Professional Proficiency*

## INTERESTS

Travelling   Coding   Music