



Akhil Kumar Agrawal

Roll No.: 211113063

Bachelors of Technology

Electrical Engineering

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EDUCATION

- **Maulana Azad National Institute Of Technology, Bhopal** 2021-Present
B.Tech in Electrical CGPA: 9.16
- **Indian Institute of Technology Madras, Chennai** 2021-Present(Self-Paced)
Bachelor of Science in Data science and Programming CGPA: 7.38
- **VJ International School, Bhagalpur** 2021
Central Board of Intermediate Education, Bihar Percentage: 85.75
- **St. Xavier's School, Sahibganj** 2019
Indian Council of Secondary Education, Jharkhand Percentage: 94.60

EXPERIENCE

- **Robotics Process Automation** July, 2023-Present
Online Trainee Gorakhpur
 - Learned to automate various tasks and actions using UiPath.
 - Worked to control, activate and perform various kinds of activities on operating system.
- **Code for Good, JPMC** July, 2023
Team Member Bhopal
 - Developed an innovative solution for an NGO within 16 hours to design a screen share reader with the team.
 - Worked under two mentors to code out the solution using various developer tools like HTML, CSS, JS.

PERSONAL PROJECTS

- **Automatic Street Light Project** January, 2023
An Arduino based project with programming on Arduino-IDE and hands-on project building.
Inputs: Programming and hardware connectivity.
 - Tools & technologies used: Arduino UNO, LDR Sensor, C++, Arduino IDE
 - Worked by sensing light intensity of the sun rays by LDR. (Gained knowledge of how automation works and how atmosphere can be used to stimulate technology.)
- **Heart Rate Monitoring Device** April, 2023
A pulse sensing project using NodeMCU and IOT for monitoring the heart rate.
Inputs: Programming and hardware connectivity.
 - Tools & technologies used: Arduino programming, Node MCU, ThingSpeak, ESP8266 Wi-Fi Module, Pulse sensor.
 - Pulse sensor detecting change in pressure resulted in effective BPM counting.
- **Student Portfolio Site** Sept, 2022
A Web Development project to represent my educational journey and activities.
Inputs: Complete layout of the website.
 - Tools & technologies used: Graphics and designing, Google Colab, Google Sites, Google Sheets, VS Code
 - Embedding activities done on colab and sheets to the site managing access and updation of the site.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, HTML, Python

Developer Tools: VS Code, Google Colab, Arduino IDE, GitHub, UiPATH

Cloud/Databases: Thingspeak

Soft Skills: Orating skills, Public speaking, Leadership skills, Time management

Coursework: Robotics Automation Process(NIELIT), Full Stack development(Open source)

Areas of Interest: Software Development, Creative product designing

POSITIONS OF RESPONSIBILITY

- **Students' Coordinator** Vision-The Technical Society of NIT, Bhopal July'23-Present
- **Event Manager/Executive** Rajbhasha Karyanwayan Samiti July'22-Present
- **Logistics Manager**, Guinness World Record-IISF'23, January'23
- **School Vice Captain**, St. Xavier's School, Sahibganj April-2017-April 2018