Nikita Kumari

📞 9031245588 — ✉ nikitakumari1aug@gmail.com — in https://www.linkedin.com/in/nikita-kumari-9a3461234? — ○ https://github.com/Nikita-kumari-2025

Summary — Simplified version of a monstrosity that I built back in college using current best practices. Motivated B.Tech student eager to apply technical skills in real-world projects and learn new things.

Skills

Automation Python,
- Basic of IoT,
- C, C++

- Java
- Basics of ML
- Html, Css, Javascript

Experience

CSIR - CIMFR DHANBAD, JHARKHAND   [4TH DEC 2023] - [8TH DEC 2023]

Skill-cum-Entrepreneurship Development program on "An IoT Based Automation for Energy Efficient Mining System"

LED Bulbs

- Started with LED bulbs to blink and toggle with the help of Audrino Uno and Circuit board.
- Managed the Brightness Control of two LED bulbs.
- Conducted a program for LDR(Light Dependent Registor) sensor.

Temperature detection

- Configured DHT11 for the detection of Temperature and Humidity.
- Documented system configurations and procedures for knowledge sharing within the team.

LCD implementation

- Implemented LCD to display live temperature and humidity with the help of DHT11 within the team.
- Optimized the performance through codes.

Ybi Foundation Internship   [May 2024] - [July 2024]

Advance Data Science and Artificial Intelligence Internship

Fundamental Python Programming

- Presented Python Programming with Google Colab.
- Oversaw the Libraries such as numpy and matplotlib.

Supervised and Unsupervised Machine Learning

- Explored various types of modelling such as Regression, KNN, Naive Bayes, and Deep Learning.
- Created a real time projects to detect the chance of admission, prediction for Rainfall, and Raiting review from the provided sets of data using SkLearn.

Education

University College of Engineering and Technology
Bachelor of Technology in Information Technology   *2021-25*
4th Year

S. G. D. Modern School   **2018-20**
Intermediate [Cbse Board]
PCM with 83 percent

S. G. D. Modern School   **2016-18**
Matriculation [Cbse Board]
Allover 86 percent

Projects

Portfolio   **Present**
- Served as a web developer
- Used platform of Visual studio code
- Became familiar with Html, CSS and basic of Javascript

Data Science and Machine Learning   **Present**
- Predicted the maintained data for chance of admission using KNN concept.
- Predicted the maintained data for assumption of rainfall by regression modelling.
- Viewed the clothing data and created the rating review with the concept of Naive Bayes.