



Kusum Patel

B.Tech in Data Science and Artificial Intelligence
International Institute of Information Technology, Naya Raipur

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SUMMARY

Passionate B.Tech student in Data Science and Artificial Intelligence at IIIT Naya Raipur. Tech enthusiast with a focus on development, machine learning, and AI. Committed to innovation and exploring technology's frontiers. Known for excellent communication skills and consistent performance. Dedicated to making impactful contributions to the field of data science and AI.

EDUCATION

•International Institute of Information Technology, Naya Raipur

B.Tech in Data Science and Artificial Intelligence

2022-Present

PROJECTS

InvisCloak (Steganography) | [Project Link](#)

Duration: 1/2024

Tech Stack: Pillow (Python Imaging Library, PIL), PyPDF2, cryptography, Python, HTML, CSS Frameworks, Flask

TextToolKit | [Project Link](#)

Duration: 5/2024

Tech Stack: React, HTML, CSS, JavaScript, User Interface Design

Video Game Sales Analysis | [Project Link](#)

Duration: 6/2023

Tech Stack: Data Analysis, Data Cleaning, Normalization, Discretization

Cryptocurrency Price Predictor | [Project Link](#)

Duration: 04/2023

Tech Stack: Machine Learning, Data Science, HTML, CSS, JavaScript

Website: [Link](#)

TDR Based Soil Moisture Sensor

Duration: 12/2022

Tech Stack: Arduino Microcontroller, Moisture Sensor, Arduino IDE, C/C++

SKILLS & INTERESTS

- **Technical Skills:** Python, C++, C, CSS, HTML, JavaScript, Numpy, React, Node.js, Pandas, Matplotlib, Tkinter, Seaborn, Scikit-learn, TensorFlow
- **IDEs & Tools:** Visual Studio Code, Python IDLE, PyCharm, Blender, Jupyter Notebook, Google Colab
- **Soft Skills:** Leadership, Communication, Sports, Public Speaking, Event Execution, Sponsorship, Management, Pressure Handling, Negotiation, Documentation

POSITIONS OF RESPONSIBILITY

- **Sports Secretary**, Student Activity Center, IIIT NR *8/23-Present*
- **Sponsorship Team**, Technovate, IIIT NR *10/23-2/24*
- **Event Executor**, Model United Nations (MUN), IIIT NR *8/12-Present*

COURSEWORK

- **DS & AI:** Data Mining, AI Foundations, Representational Learning, Reinforcement Learning, Data Pre-processing, Introduction to Robotics
- **CSE & Maths:** Introduction to C/C++, Object Oriented Programming in C++, Data Structures and Algorithms, Operating Systems, Database Management Systems, Numerical Methods
- **Electronics & Communication:** Digital Logic Design, Sensors & Actuators, Computer Organisation, Signals & Systems, Control Signal Processing

ACHIEVEMENTS

- Bronze Medal in NSO Maths Olympiad
- Black Belt in Taekwondo
- National Level Bronze Medalist in Taekwondo