Kusum Patel

B.Tech in Data Science and Artificial Intelligence

International Institute of Information Technology, Naya Raipur

Portfolio: kuzum-portfolio   GitHub: kuzum09   LeetCode: k_{uZum}

+91-6304446282

kusum22102@iiitnr.edu.in

LinkedIn: kusum-patel

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

InvisoCloak (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++

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

SKILLS AND LEARNING OPPORTUNITIES

- Participated in CodeRush 4.0: The IVP Hackathon 2025 organised by Indus Valley Partners. Successfully advanced through Round 1, Ctrl-Alt-Defeat.

- Enrolled in Amazon WOW, gaining access to classes led by Amazon's industry leaders aimed at advancing skills crucial for industry-level development and future career growth.