



Kusum Patel

Bachelor of Technology
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

• B.Tech in Data Science and Artificial Intelligence CGPA: 7.43	2022-Present IIIT NR
• Senior Secondary (CBSE) CGPA: 8.96	2021-2022 Krishna Public School
• Matriculation (CBSE) CGPA: 8.59	2019-2020 Krishna Public School

PROJECTS

InvisoCloak (Steganography) Project Link Tech Stack: Pillow (Python Imaging Library, PIL), PyPDF2, cryptography, Python, HTML, CSS Frameworks, Flask	Duration: 1/2024
TextToolKit Project Link Tech Stack: React, HTML, CSS, JavaScript, User Interface Design	Duration: 5/2024
Video Game Sales Analysis Project Link Tech Stack: Data Analysis, Data Cleaning, Normalization, Discretization	Duration: 6/2023
Cryptocurrency Price Predictor Project Link Tech Stack: Machine Learning, Data Science, HTML, CSS, JavaScript Website: Link	Duration: 04/2023
TDR Based Soil Moisture Sensor Tech Stack: Arduino Microcontroller, Moisture Sensor, Arduino IDE, C/C++	Duration: 12/2022

SKILLS & INTERESTS

- **Technical Skills:** Python, C++, C, CSS, HTML, Java Script, Numpy, React, Node Js, Pandas, Matplotlib, Tkinter, Seaborn, Sci-kit learn, Tensorflow
- **IDEs & Tools:** Visual Studio Code, Python idle, PyCharm, Blender, Jupiter 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 System, Database Management System, 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