



R. Sai Shivani

Bachelor of Technology

Data Science and Artificial Intelligence

International Institute of Information Technology, Naya Raipur

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SUMMARY

I am currently pursuing my B.Tech in Data Science and Artificial Intelligence from the International Institute of Information Technology, Naya Raipur. I am a proactive and versatile individual with the ability to tackle challenges effectively. As a team player with strong communication skills and a passion for learning, I am eager to contribute my enthusiasm and dedication to a dynamic work environment.

EDUCATION

International Institute of Information Technology, Naya Raipur

Nov 2022 - 2026

B.Tech. in Data Science and Artificial Intelligence - CGPA - 8.25 (Till 6th Sem)

Delhi Public School, Bhilai

2022

Senior Secondary - 94.2%

SKILLS

- **Technical Skills & Libraries:** C++, Python, HTML, CSS, Flask, Git, Numpy, Pandas, Seaborn, Matplotlib
- **Soft Skills:** Problem Solving, Leadership, Communication, Public Speaking, Event Execution and Management, Photography, Graphic Designing
- **IDEs & Tools:** Visual Studio Code, Jupyter Notebook, Google Colab, Adobe Illustrator, Adobe Photoshop, Figma, Blender

EXPERIENCE

• TLE Eliminators

April 2025 - Present

Graphic Designer

Remote

- Currently I am handling all the social media marketing designs for TLE Eliminators.

• Workzera

February 2023 - July 2023

Graphic Designer

Raipur

- Designed logos and posters for clients - [Certificate of Internship](#)
- Designed the official logo for Model United Nations club of IIIT NR

PROJECTS

• CerebralChat - An Advanced Virtual Assistant using Neural Networks

IIIT NR - IEEE

Uses NLP & ML techniques to provide dynamic responses for queries.

- **Tech Stack:** Machine Learning, Python, AI with Tkinter.
- **Publication:** Published in the IEEE 2024 5th ICITIIT Conference, available in IEEE Xplore - [Research Paper](#).

• Ballot : A Siamese Network and Ethereum-Powered Voting System

IIIT NR

Leverages facial recognition and Ethereum blockchain for transparent and verifiable vote storage.

- **Tech Stack:** Siamese Network, OpenCV, Cryptography, React, Express.js, Node.js, Solidity Smart Contract

• InvisoCloak : Steganography Tool

IIIT NR

A steganographic solution to securely hide messages within images, text, audio, or pdf, enhancing digital privacy and security.

- **Tech Stack:** Python, PyCryptodome, Stegano, Flask, HTML, CSS

• Lunar Crater Detection and Segmentation

IIIT NR

Developed a U-Net model with a ResNet backbone to detect and segment craters on a lunar surface dataset.

- **Tech Stack:** Python, TensorFlow/Keras, U-Net, ResNet, NumPy, OpenCV, Matplotlib, Scikit-learn, Pandas

• IoT based Car Parking System

IIIT NR

Incorporating smart sensor technology and real-time data analytics to manage parking spaces.

- **Tech Stack:** Arduino IDE, Firebase, Sensors, Actuators

CLUBS AND COMMUNITIES

• Placement Coordinator, Training and Placement Cell, IIIT NR

March 2024 - Present

• Media & IT Cell Secretary, Student Activity Center, IIIT NR

June 2023 - May 2024

• Shutterbug Secretary, Photography Club, IIIT NR

May 2024 - Present