



Gourav Kumar Dey

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[LinkedIn](#)

EDUCATION

B.Tech in Civil Engineering

CGPA: 7.5/10

Class XII (CBSE)

Percentage: 81%

Class X (CBSE)

Percentage: 86%

National Institute of Technology, Jamshedpur

2021 - Present

Shree Ayyappa Public School, Bokaro

2020

Holy Cross School, Bokaro

2018

PROJECTS

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- **E-Cell NIT Jamshedpur WEB** ([View Project](#))
 - Developed the front end using React.js and Figma for design.
 - Integrated MySQL for user registration and database management.
 - **Personal Assistant by Finetuning Pretrained LLMs**
 - **Llama 3.1** : using Axolotl
 - **Bloom** : using Hugging Face Transformer.
 - **Art Design using JavaScript** ([View Project](#))
 - Created geometric designs and shapes using the HTML canvas element and vanilla JavaScript.
 - **Disaster Management (AI Model) - WoodPecker Hackathon** ([View Project](#))
 - Developed an AI model integrated with a real-time weather forecasting system using OpenWeatherMap API.
 - Trained the model with datasets from Kerala on flood and rainfall patterns.
 - **Hand Gesture Controlled Game using OpenCV**([Source Code](#))
 - Developed a computer vision-based game that detects hand movements using OpenCV.
 - Implemented real-time hand tracking to control game interactions using a webcam.

POSITIONS OF RESPONSIBILITY

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- **Class Representative** *NIT Jamshedpur (Batch 2021-25)*
 - Acted as a liaison between students and faculty, addressing student concerns and facilitating communication.
 - **Web Team Head at E-cell** *E-Cell NIT Jamshedpur*

- Led the web development team to create the Inter-NIT Fest website from scratch.
- Coordinated with team members to ensure timely project delivery.

- **Event Head at NSS**

NSS, NIT Jamshedpur

- Managed a team of 30 volunteers during a Mega Health Camp at Sarikela District.

ACADEMIC ACHIEVEMENTS

- Qualified GATE CSE 2024, 2025 (In Top 5 percentile)
- Qualified JEE Mains 2021 - Top 3 percentile in India.
- NCSC National Child Scientist 2018 - 1st position in state and 3rd at national level.

TECHNICAL SKILLS

- **Languages and Tools :** Python, JAVA, TensorFlow, Keras, JavaScript, MySQL, Tableau, Power BI, MS Excel, Data Structures and Algorithms, YOLO v8, YOLO v10, Computer Vision, Generative AI (GenAI).
- **Coding Platforms :** LeetCode (1750 max rating), HackerRank (5 Star in MySQL,JAVA)

OTHER SKILLS & INTERESTS

- **Skills:** Critical thinking, debugging, team leadership, and conflict resolution.
- **Hobbies:** Sketching, listening to music, and cosmic research.