Kaibalya Prasad Nayak

Bhubaneswar, Odisha | +91 8144469464 | nayakkaibalya021@gmail.com | LinkedIn | GitHub

---

SUMMARY

I am a Computer Science Engineering student from the Institute Of Technical Education And Research(ITER), Bhubaneswar, Odisha. I have interned with DRDO and worked few Research projects.

Technology excites me and I am always in awe of the change it drives in the world. Certain skills that I have worked with include Data Structure and Algorithms(Java), Supervised Machine Learning(Python,numpy,Pandas,Matplotlib,Sckitlearn), Deep Learning(Tensorflow,Keras,PyTorch,CNN.ANN,NLP) & Game Development(C#, Unity).

EDUCATION

B.Tech in Computer Science and Engineering (2022–2026)
Institute of Technical Education and Research | CGPA: 8.68
CBSE (XII), 2022
Kendriya Vidyalaya Kendrapara | Percentage: 83%
CBSE (X), 2020
Kendriya Vidyalaya Kendrapara | Percentage: 81%

EXPERIENCE

INMAS,Defence Research and Development Organization(DRDO)   **Jun 2024 – Jul 2024**

- *Research Trainee (Certificate)*

  I have had the opportunity to contribute to game development projects using Unity and VR technology, gaining valuable experience in the fields of 3D modeling, animation, scripting, and virtual reality development.

Celebal Technologies   **Jun 2025 – Aug 2025**

- *Data Science Intern(Certificate)*

  I have had the opportunity to contribute to a network anomaly detection project using unsupervised learning techniques like Isolation Forest and Autoencoders, gaining valuable experience in machine learning, data preprocessing.

PROJECTS

. Snake Game Using Open CV   **Feb 2025 - Mar 2025**
Game Model(Game file)
- A Snake Game using OpenCV in Python utilizes computer vision to control the snake with hand gestures or object tracking.
- By integrating MediaPipe or OpenCV's color tracking, players navigate the snake without a keyboard.

Breast Cancer Prediction Model   **Aug 2024 - Oct 2024**
ML in Predication Model (Prediction File)
– Implementing Cancer data analysis and predictive modeling to enhance the checkup.
– People can only write some parameters ask by the model and then it show that you are cancerous or not.

Face Recognition Model   **Nov 2024 - Jan 2025**
Deep Learning Model (Detection File)
– Our face detection project in Python harnesses the power of computer vision to identify and localize human faces within images or video streams.

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, C,C#
- **Tools and Frameworks**:, Numpy, Pandas, Matplotlib, Seaborn, Sklearn, TensorFlow, Pytroch
- **Operating Systems**: Windows, Linux & Android

CERTIFICATION

- **Problem Solving (Basic) :** Hackerrank
- **DSA in Java :** Lakshya Institute of Technology(LIT),Bhubaneswar

RESEARCH PAPER

- **VR Gaming :** Worked in a team of four, guided by Prof. Eswar Rao, on publishing a research paper on Vr Gaming.

HACKATHONS

- **Flipkart GRiD 6.0 - Software Development Track :** Flipkart (Participation Certificate)