

# Kaibalya Prasad Nayak

Bhubaneswar, Odisha | +91 8144469464 | [nayakkaibalya021@gmail.com](mailto:nayakkaibalya021@gmail.com) | [LinkedIn](#) | [GitHub](#)

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## 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).

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## EDUCATION

B.Tech in Computer Science and Engineering (2022–2026)

Institute of Technical Education and Research | CGPA: 8.67

CBSE (XII), 2022

Kendriya Vidyalaya Kendrapara | Percentage: 83%

CBSE (X), 2020

Kendriya Vidyalaya Kendrapara | Percentage: 81%

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## EXPERIENCE

**INMAS,Defence Research and Development Organization(DRDO)**

June 2024 - July 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.*

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## PROJECTS

• **Breast Cancer Prediction Model**

Aug 2024 - Oct 2024

*ML in Predication Model* ([Prediction File](#))

- Developing an ML model to optimize asset and give the accuracy rate.
- 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.
- models such as Haar cascades or more advanced CNNs.

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## TECHNICAL SKILLS

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

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## KEY COURSES TAKEN

- **Machine Learning With Python (By Kirill Eremenko(in udemy) )** : Python,Machine learning Functions,Projects.
- **Data Structure and Algorithms in Java (By Lakshya Institute of Technology)** : Understood the core concepts regarding Array, String, Linked List, Stack, Queue, Tree and Graph.

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## CERTIFICATION

- **Problem Solving (Basic)** : Hackerrank
- **DSA in Java** : LIT

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## RESEARCH PAPER

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

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## HACKATHONS

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