# Kaibalya Prasad Nayak

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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).

## **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.

# **H**ACKATHONS

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