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: 8.67
CBSE (XII), 2022
Kendriya Vidyalaya Kendrapara | Percentage: 83%
CBSE (X), 2020
Kendriya Vidyalaya Kendrapara | Percentage: 81%

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.

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.

TECHNICAL SKILLS

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

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.

CERTIFICATION

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

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)