ARYAN SHARMA GAIRE

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SUMMARY

I am currently a student at Kalinga Institute of Industrial Technology, Bhubaneswar, majoring in Computer Science. I love to build impactful and robust full-stack projects to contribute to the open-source community. As a student, I have a keen interest in Machine Learning and its applications to solve real-world problems by leveraging the state of the art innovations.

PROJECTS

DeepScript   Visit Site   January 2025

- Built a handwriting synthesis model that converts any digital text into realistic handwriting by taking handwriting samples from the user.
- A Fine-Tuned Transformer model was used to recognize each handwritten characters.
- Created interactive UI using NextJS to deploy the web application.

PromptToAnimation   Visit Site   April 2025

- Created a Gemini-powered web application that helps to understand any mathematical and machine learning algorithms through visually appealing animations just by a single prompt.
- Leveraged the powerful Manim library for the core logic and Gemini API to enhance the. animation and narration of the video.
- Designed the UI using NextJS and deployed on Vercel.

SaveThePac   Visit Site   May 2024

- Developed a customized PacMan game with Java Swing.
- The goal is to guide Pacman through narrow pathways, collecting points along the way while skillfully avoiding obstacles that come along the way.

EDUCATION

BTech in Computer Science   Class of 2026

Kalinga Institute of Industrial Technology
- CGPA: 9.02

Higher Secondary Education   Class of 2022

New Horizon E.B HIgher Secondary School
- 10th: 3.9/4 GPA
- 12th: 75.02%

TECHNICAL SKILLS

- **Languages:** Python, Java, C++,TypeScript
- **ML Frameworks**: TensorFlow, HuggingFace Transformers, Langchain
- **Web Frameworks:** NextJS, ExpressJS , Flask
- **Database:** MongoDB, MySQL
- **OS and Version Control:** LINUX, Git

Certifications

- **AWS Academy Cloud Foundations**
- **AWS Academy Data Engineering**