



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 an application which visualizes any mathematical equations and machine learning algorithms with beautiful animations and voiceovers just by a single prompt
- Leveraged the powerful Manim library for the core logic and Gemini API to enhance the output generation.

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.
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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%
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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
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Certifications

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