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.

KIIT-Compatibility   Visit Site

March 2025

- Created a networking platform for KIIT students to connect with their classmates based on their compatibility score.
- Each student is prompted to give a compatibility test and if the score is above the halfway mark, then only they can request to connect with those individuals,
- Used Firebase Authentication to verify the users for maintaining the security.

May 2024

SaveThePac Visit Site

- 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

Kalinga Institute of Industrial Technology

Class of 2026

- CGPA: 9.02

Higher Secondary Education

New Horizon E.B HIgher Secondary School

Class of 2022

- 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