ARYAN SHARMA GAIRE

Social Links: ✉ aaryan711820@gmail.com

linkedin.com/in/aryan-sharma-gaire-12250b309/

github.com/dovbyk

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.

LLM Fine Tuning   Ongoing   April 2025

- Fine-Tuned open-source LLMs like Gemma 3 and Llama 3.1 using Unsloth to specialize in a particular domain.
- Deployed the models using Hugging Face Inference Endpoints and Amazon SageMaker for open-source usecases.

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**