



ARYAN SHARMA GAIRE

Social Links:  aaryan711820@gmail.com

 [linkedin.com/in/aryan-sharma-gaire-12250b309/](https://www.linkedin.com/in/aryan-sharma-gaire-12250b309/)

 github.com/dovbyk

SUMMARY

Computer Science student at Kalinga Institute of Industrial Technology, with a strong interest in developing robust and impactful full-stack applications. Passionate about contributing to the open-source community, with a particular focus on artificial intelligence and its real-world applications. Dedicated to leveraging state-of-the-art technologies to address complex, real-world challenges.

PROJECTS

<u>DeepScript</u>	<u>Visit Site</u>	January 2025
<ul style="list-style-type: none">• 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.		

<u>PromptToAnimation</u>	<u>Visit Site</u>	April 2025
<ul style="list-style-type: none">• Created a Gemini-powered web application that can visualize any mathematical concepts and ML algorithms with a beautiful animated video explanation• Leveraged the powerful Manim library for the core animation logic.• Designed the UI using NextJS and deployed on Vercel.		

<u>Research Agent</u>	<u>Visit Site</u>	June 2025
<ul style="list-style-type: none">• Built a sophisticated research agent using Langgraph and Gemini• Based on the prompt, the agent generates sample queries, does real-time web search, analyzes them, and continues the loop till it returns the best answer with proper citations.		

EDUCATION

BTech in Computer Science	Class of 2026
Kalinga Institute of Industrial Technology	
<ul style="list-style-type: none">• CGPA: 9.02/10	

Higher Secondary Education	Class of 2022
New Horizon E.B Higher Secondary School	
<ul style="list-style-type: none">• 10th: 3.9/4 GPA• 12th: 75.02%	

TECHNICAL SKILLS

- **Languages:** Python, C, C++, Java, 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**
- **IBM Data Science using Python**