



ARYAN SHARMA GAIRE

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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

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|---|--------------------------|---------------------|
| <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. | | |
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EDUCATION

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| 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% | |
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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
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Certifications

- **AWS Academy Cloud Foundations**
- **AWS Academy Data Engineering**
- **IBM Data Science using Python**

Certificate of Achievement

Fundamentals of Agents

THIS IS TO CERTIFY THAT

Aryan Gaire

Has successfully completed Unit 1: Foundations of Agents in the
Hugging Face Agents Course



Hugging Face
Instructors



2025-07-04

Date