

Kaustubh Patil

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OVERVIEW

Aspiring Computer Science Engineer specializing in Artificial Intelligence and Machine Learning. Proficient in Python, Machine Learning, and Deep Learning, with a keen interest in building innovative solutions. Demonstrates strong problem-solving abilities, teamwork, and management skills, with a proven track record of executing impactful projects and contributing to technical communities.

EDUCATION

BTech in Computer Science and Engineering - AIML, Rajarambapu Institute of Technology, Islampur, Sangli 2022-26

Higher Secondary Certificate, Yashwantrao Chavan Collage, Islampur, Sangli

2019-20

SKILLS

Technical Skills : Python, Java, Machine Learning, Deep Learning, Basics of Generative AI (RAG), Machine Learning, Deep Learning, RASA
Expertise : Python Libraries, Java, mySQL
Web Development : HTML, CSS, Basic Javascript, Basic Flask

EXPERIENCE

President- AIML Department Rajarambapu Institute of Technology, Islampur | August 2024 – Present
Team Member- Team Nequit Electric Formula Student Club, RIT | 2023-2024

PROJECTS

Text Restoration from Historical Degraded Images. Designed a AI solution using Intel's hardware and Generative AI (GenAI) for text extraction and restoration from degraded historical images. The Gemini-1.5-Flash model extracts text from blurred or stained images, while the Gemini-Pro model refines and restores missing or incorrect words, with changes marked by asterisks.

Gemini AI Multi-Functional Chatbot. Created a chatbot platform using Google Gemini Generative AI with features like YouTube summarization, blog generation, image captioning, and more.

Intelligent Enterprise Chatbot (SIH). Designed a Rasa-powered chatbot with RAG and FAISS integration for handling HR policies, IT support, and document summarization at Smart India Hackathon.

CERTIFICATION

- Certificate of Participation - Java Programming, NIELIT, Art of C Programming (SWAYAM)
- Course Certificate of HTML, CSS and JAVASCRIPT, Coursera.
- Complete Data Science, Machine Learning, DL, NLP Bootcamp, Udemy

EXTRA-CURRICULAR ACTIVITIES

- Actively participated in Intel® AI Hackathon @ IEEE INDICON 2024 and **selected in Top 20 Teams.**
- Actively participated in the 2nd AI/ML Challenge organized by **IIT Madras Shaastra Techathon 2024.**
- Finalist of Formula Bharat PI-EV Competition and secure **International 2nd Rank in Team Management Report.**
- Organised a State Level AI FUSION 2.0 Technical Event.
- Participated in State level Badminton Tournament organized by MIT-ADT IN 2025 and **secure 3rd Place.**
- Participated in Zonal and Inter-Zonal Badminton Tournament and **secure 2nd place.**