

Harsh Singh Kanyal

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SUMMARY

Highly motivated AI Developer and Machine Learning Intern with hands-on experience in designing, building, and deploying machine learning and deep learning solutions for real-world applications. Proficient in Python, TensorFlow, PyTorch, Hugging Face Transformers, and LangChain, with a strong foundation in data analysis, model optimization, and AI system development. Demonstrates strong problem-solving, leadership, and teamwork skills through active participation in technical and collaborative projects. Passionate about leveraging AI to drive innovation and deliver impactful, scalable solutions.

TECHNICAL SKILLS

- **Programming Languages:** Python, HTML5, SQL, Java
- **Machine Learning & Deep Learning:** TensorFlow, PyTorch, scikit-learn, XGBoost, OpenCV, NumPy, Pandas
- **NLP & LLMs:** Hugging Face Transformers, LangChain, spaCy, NLTK, RAG, Named Entity Recognition (NER), Prompt Engineering
- **Deployment & Frameworks:** Flask, Streamlit, Vercel, Render, Hugging Face Spaces
- **Cloud & Tools:** Google Cloud Platform (GCP), Google Colab

EDUCATION

JIMS Engineering Management Technical Campus (Affiliated with GGSIPU) <i>Bachelor of Technology in Artificial Intelligence and Machine Learning Cgpa: 8.3</i>	Greater Noida 2022 - 2026
Government Boys Senior Secondary School <i>Intermediate (CBSE) Percentage: 85%</i>	Timarpur, Delhi 2020 - 2021

INTERNSHIPS AND TRAINING

Ethara AI (LLM Post-Training Intern) <ul style="list-style-type: none">• Contributed to LLM post-training workflows focused on response quality improvement, preference alignment, and human feedback-based refinement.• Worked on RLHF-style evaluation tasks by reviewing model outputs for helpfulness, relevance, instruction-following, and consistency.• Supported prompt-response assessment and data refinement workflows to improve model behavior across applied use cases.	Jan 2026 – Present
Emarson Infotech Pvt. Ltd. (AI Cybersecurity Intern) <ul style="list-style-type: none">• Researched recent global cybersecurity threats and organized threat intelligence related to enterprise services and platforms used by companies such as Cisco.• Built an automation workflow using n8n to collect, filter, and categorize cybersecurity threat information from multiple sources.• Reduced manual effort in threat monitoring by automating the collection and screening of relevant cybersecurity updates.	Oct 2025 – Nov 2025

PROJECTS

Kalpriksha: SLD Detection System Agentic AI, Relay.app <ul style="list-style-type: none">• Developed an AI-powered screening system for the early detection of Specific Learning Disabilities (SLDs), helping streamline identification and support timely educational intervention.• Designed a dual-stage GPT-4.1 workflow to analyze behavioral and academic indicators and generate personalized intervention recommendations based on detected learning patterns.• Built a serverless automation pipeline by integrating Google Forms, Relay.app, and the Gmail API to automate data collection, processing, and response delivery for pilot users.	May 2025 - Aug 2025
Cheating Surveillance System Python, OpenCV, TensorFlow, NumPy, Pandas <ul style="list-style-type: none">• Built an AI-powered remote proctoring system for online assessments to help maintain exam integrity in virtual environments. Processed real-time webcam feeds using OpenCV and TensorFlow/Keras to perform face detection, eye tracking, and object detection for suspicious activity monitoring.• Achieved approximately 80–85% monitoring accuracy during testing and pilot evaluation with 2–3 users.	Mar 2025 – Apr 2025

ACADEMIC ACHIEVEMENTS AND CERTIFICATIONS

- Secured an internship opportunity at Infosys.
- Selected for the Flipkart Hackathon Program.
- Earned an ISRO certification in Geodata Analysis.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

- Served as Organizer and Coordinator for the Department of Sports Club in 2025.
- Served as Organizer and Coordinator for the Department of Artificial Intelligence and Machine Learning in 2024.