

DHANANJAY JAISWAL

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## SUMMARY

Generative AI Engineer with hands-on experience building production-grade RAG pipelines, multi-agent systems, and computer vision applications using Python. Proficient in LangChain, LlamaIndex, CrewAI, Hugging Face, and vector databases. Skilled in NLP, transformer architecture, LLM fine-tuning (LoRA/PEFT), prompt engineering, model evaluation, and inference optimization. Certified Hugging Face AI Agents developer. Seeking applied AI and LLM engineering roles.

## SKILLS

Languages: Python, Java

AI Frameworks: PyTorch, Hugging Face, YOLO, OpenCV, MediaPipe, NLTK, spaCy

Agentic and RAG: LlamaIndex, LangGraph, LangChain, LangSmith, SmoLAgent, CrewAI

Vector Databases: ChromaDB, Neo4j

LLM Providers: Groq (LLaMA-3), OpenAI API, Anthropic Claude API

MLOps and Cloud: Weights and Biases, Docker, Azure, Supabase, Vercel, Hugging Face Spaces, Git

## EXPERIENCE

Artificial Intelligence Intern • Wayspire • Jun 2024 – Jul 2024

- Worked on COCO dataset, trained YOLOv5 model, achieved 85%+ mAP.

Mixing and Mastering Engineer • Fiverr • May 2021 – Apr 2023

- Delivered 20+ audio projects across genres.

## PROJECTS

Multimodal RAG PDF System

- Built RAG pipeline with OCR and image captioning.

Market Researcher Agent

- Developed multi-agent system using CrewAI.

Virtual Hand-Controlled Piano

- Built real-time touchless piano using MediaPipe.

## EDUCATION

B.Tech Computer Science • Shri Ramswaroop Memorial University (2023–2027)

## CERTIFICATIONS

Hugging Face Agents Course • 2026