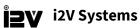
PROFESSIONAL EXPERIENCE



November 2024 - Present

Computer Vision Engineer

- Built a natural language search system for surveillance (VMS) and synthetic data pipelines using ControlNet, generative in-painting, and image composition.
- Developed multi-task Person Re-ID and Attribute Recognition models with auto-cleaned datasets; exported to ONNX and OpenVINO for optimized edge deployment on NVIDIA Jetson.
- Created a fully automated training pipeline: video →
 keyframe extraction → auto-annotation → CVAT upload
 → webhook-triggered model training saving 2–3
 hours of manual effort per cycle.



Warewe Consultancy August 2023 - October 2024 Associate → Senior MLDeveloper

- Led end-to-end development of an AI video platform, <u>Shotify.ai</u> ☑, for automated short-form content generation and publishing across YouTube, Instagram, and TikTok — integrating multimodal AI models and REST APIs.
- Fine-tuned LLaMA-2/3 with PEFT-LoRA for SEO tasks; developed image classifiers (Midjourney V6) and generative pipelines using Dreambooth, SAM + Stable Diffusion, and FLUX.



Personal & Freelance Projects

- Built GenAl tools include a blog generator (CrewAl +
 Perplexity SONAR) and <u>Redserp</u> [™], with automated
 Reddit tracking for trends, topics, and product mentions.
- Built a backend for an e-commerce package protection system using Django REST Framework and Django Ninja, handling coverage logic, claims, and policy management with clean, modular APIs.
- Developed full-stack solutions: Real Estate ERP module in Odoo and GA4 → AWS QuickSight pipeline for realtime analytics.

★ SKILLS

- Languages: Python, JavaScript (Next.js)
- AI/ML: PyTorch, TensorFlow, Keras, OpenCV, RAPIDS
- GenAl & LLMs: OpenAl , Langchain, CrewAl, Vertex Al
- Deep Learning: CNN, LSTM, Diffusion Models, ControlNet, LoRA
- Data & Analytics: Pandas, NumPy, AWS QuickSight, Matplotlib
- Backend: FastAPI, Django, Flask, Odoo
- Databases & APIs: SQL, Neo4j, REST, JSON
- Cloud & Deployment: AWS EC2, Lambda; GCP VM, Cloud Run
- Tools: Git, Docker, Jupyter, DVC

<u>Deepankar Sharma</u>

P Delhi, India

+91 9639102301

deepankarsharma2003@gmail.com

€ ideepankarsharma2003.github.io

in ideepankarsharma2003

ideepankarsharma2003

(e) ideepankarsharma2003



Machine Learning Developer with deep expertise in Generative Al, Computer Vision, Graph Databases, and Natural Language Processing (NLP). Demonstrated success in leading Al-driven projects that combine data analytics and automation to enhance innovation and efficiency. Skilled in developing proof-of-concepts and production-ready ML solutions for content generation, semantic search, and data analysis using modern Al frameworks and tools.



ACADEMIC DETAILS

Master of Computer Applications (M.C.A.),

Graphic Era University (ODL)

Expected June 2025

Bachelor of Computer Applications (B.C.A.),

Graphic Era University, Haldwani August 2020 - June 2023

Winner of <u>Navikarnam 2023</u>: National Level Innovation and Entrepreneurial Fest organized at NIT, UK. Annual Topper's Award & Achiever's Award (2021/22/23). Published various patents; Featured in <u>Campus Gems</u>.

Coursera

Google Data Analytics Professional Certificate, Google
Machine Learning Specialization, DeepLearning.AI
Deep Learning Specialization, DeepLearning.AI
Machine Learning on Google Cloud Specialization, Google Cloud