

Ashwin Mishra

+91 9868349537 — ashwin.mishra07@gmail.com — linkedin.com/in/ashwin-mishra07 — github.com/Ashwin07Mishra

AI/ML Developer - LLM Systems · Agentic Pipelines · RAG · Computer Vision - Building production LLM agents, retrieval-augmented generation workflow systems, and agentic pipelines deployed across government, legal-tech, and enterprise MarTech applications.

EDUCATION

SRM Institute of Science and Technology — SGPA: 9.24

B.Tech in Computer Science (Artificial Intelligence & Machine Learning)

2023 – 2027

Delhi NCR, India

Relevant Coursework: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Data Structures & Algorithms

Delhi Public School, Dwarka

Senior Secondary Education

2009 – 2023

New Delhi, India

TECHNICAL SKILLS

Languages: Python (primary), TypeScript, JavaScript, SQL, C/C++

AI/ML: LLMs, Agentic AI & Multi-Agent Systems, RAG, NLP, CV, Semantic Search, Fine-tuning, LoRA, Prompt Engineering

Frameworks & Libraries: PyTorch, Transformers (HuggingFace), LangChain, FAISS, YOLO, NumPy, Pandas

LLMs & APIs: OpenAI, Claude, Gemini, LLaMA, Qwen, Nvidia Models

Backend & Databases: FastAPI, Elasticsearch, Redis, Docker, Supabase

Frontend & Deployment: Next.js, React, Tailwind CSS, Vercel, Railway, Render

Tools & Platforms: AWS, GCP, Git, GitHub, Tesseract (OCR)

WORK EXPERIENCE

AI Intern - Innocean India Worldwide Communication Pvt Ltd

Jul 2026 – Present

Gurgaon, India

- Architected an **agentic ad-campaign** generator for **Hyundai**: LLM-driven concept generation feeding an image-synthesis pipeline with identity-lock prompt engineering cutting hallucination artifacts by **30%** while preserving brand fidelity.
- Developing a visualizer agent for **Kajaria**, enabling users to upload custom floor/room images and preview **60+ tile SKUs** with realistic 2D-to-3D visualization for room customization layouts.
- Built an autonomous **MarTech** discovery agent (FastAPI + Next.js) using weighted **rubric scoring** across India's startup ecosystem orchestrating real-time discovery, validation, and scoring of potential partners and competitors.

AI/ML Developer Intern - CDIS, IIT Kanpur

May 2025 – Feb 2026

Kanpur, India

- Orchestrated end-to-end NLP/LLM pipelines for government grievance platforms, reducing manual review time by **60%** through automated complaint summarization, classification, and semantic routing.
- Engineered hybrid semantic-lexical search with contextual LLM re-ranking for precedent discovery, reducing case resolution time by **45%** while maintaining **95%+** relevance.

AI/ML Intern - IIT Kanpur

Dec 2024 – Jan 2025

Kanpur, India

- Developed a radar-based drone classification model using multi-frequency (26–40 GHz) **RCS** measurements with cubic spline interpolation.
- Achieved **96.6% accuracy** in drone type prediction using spline-interpolated RCS patterns across **phi-theta** angles.

PROJECTS

ES-RAG Grievance Retrieval System | github.com/Ashwin07Mishra/ElasticSearch-Rag

- Designed an **LLM-driven retrieval pipeline** combining **Elasticsearch** and **vector embeddings** for semantic query interpretation and contextual grievance retrieval for government grievance portal.
- Implemented a **RAG-based contextual response generation workflow** to retrieve relevant grievance records and generate accurate, context-aware outputs from indexed data reducing manual filtering and search time by **50%**.

AdINNTelligence | github.com/Ashwin07Mishra/AdINNTelligence

- Shipped an **Agentic intelligence platform** for **Hyundai** to help automotive marketing teams across **40+ brands** to scout competitor advertising and identify trends in campaign strategies.
- Automates discovering and analyzing **competitor Meta ads** and using LLMs to identify competitive patterns and generate dynamic insights, advisory tips, and personalized next-ad recommendations for dealers.

Law Simplified (Legal Tech) | github.com/Ashwin07Mishra/Law-Simplified

- Developed an AI powered legal document intelligence system using **OCR, NLP, and transformer models** for legal PDF parsing, clause extraction, and entity recognition.
- Integrated a schema-driven summarization and **RAG-based semantic retrieval** pipeline with **vector embeddings** and contextual search to generate concise, human-readable explanations of complex legal documents and enable **real-time** interaction with uploaded documents, improving accessibility and case review efficiency by **60%**.