

AMAN NANDA

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PROFESSIONAL SUMMARY

BSc AI graduate (CGPA 9.0) with hands-on expertise in Machine Learning, NLP, Generative AI, LangChain RAG pipelines, and Agentic AI. Built 3 end-to-end AI projects using Python • LangGraph • CrewAI • RAG • Gemini 2.5 • ChromaDB • Streamlit. Hackathon winner. IBM, Infosys, Deloitte & Cisco certified. Targeting AI Engineer / GenAI Engineer / ML Engineer / Data Analyst roles.

TECHNICAL SKILLS

Languages & Frameworks: Python, Java, C | Flask, FastAPI, Streamlit, REST APIs

AI / ML / DL: TensorFlow, PyTorch, Scikit-learn, Hugging Face Transformers, BERT, Neural Networks

Generative AI & LLMs: LangChain, LangGraph, RAG Pipelines, CrewAI, Prompt Engineering, OpenAI API, Claude API, Gemini 2.5, n8n, Agentic AI

NLP & Evaluation: Text Classification, NER, Sentiment Analysis, Speech Recognition, RAGAS, Hallucination Detection

Data & Analytics: NumPy, Pandas, Matplotlib, EDA, Power BI, Excel, Data Visualization, ETL Pipelines

Vector DB / Cloud / DevOps: ChromaDB, SQL, MongoDB | AWS, Azure, Docker, Git, GitHub

INTERNSHIP EXPERIENCE

Deloitte — Data Analytics Virtual Simulation

2025

- Analyzed business datasets using EDA and statistical modeling; built Power BI dashboards surfacing actionable KPIs for stakeholder decisions.

Power BI Virtual Internship | VaultOfCodes — Python Developer Intern

2025

- Designed multi-department KPI dashboards in Power BI; developed Python automation scripts and ETL pipeline solutions to streamline data workflows.

PROJECTS

AgentX — Autonomous AI Research Agent | Python • LangGraph • CrewAI • LangChain • Gemini 2.5 • ChromaDB

- Architected a multi-agent autonomous research platform using LangGraph and CrewAI with intelligent planning, semantic memory, and real-time web research orchestration.
- Integrated ChromaDB vector store for persistent semantic memory; implemented automated report generation, cost tracking, and a professional Streamlit interface.

DocuMind Pro — Intelligent RAG Document Assistant | Python • RAG • LangChain • Gemini 2.5 • ChromaDB • Streamlit

- Built an enterprise-grade RAG application for intelligent PDF analysis using LangChain and Gemini 2.5 Flash; implemented semantic search, vector embeddings, and citation-based conversational Q&A.
- Engineered document chunking pipeline, evaluation metrics, and an interactive Streamlit dashboard with conversation history for end-to-end document intelligence.

EvalMind — LLM Output Quality Monitor | Python • RAGAS • Gemini 2.5 • Streamlit • SQL

- Designed an LLM evaluation platform using RAGAS to measure response quality, hallucination detection, and confidence scoring with automated cost tracking.
- Built interactive analytics dashboards with document management and comprehensive AI model performance metrics for systematic LLM quality monitoring.

EDUCATION

BSc Artificial Intelligence — Aditya Degree College

2023 – 2026 | CGPA: 9.0

CERTIFICATIONS & ACHIEVEMENTS

- IBM + Simplilearn: AI & Machine Learning | Infosys Springboard: NLP & Deep Learning 2025
- Deloitte: Data Analytics | RPA Automation Anywhere: Essentials Automation Professional 2025
- Cisco: Python Essentials | Cisco: C Language Essentials 2025 / 2024
- 1st Prize** — Amaravati Quantum Valley Hackathon • **1st Prize** — Project Expo, Nova AI Voice Assistant

CORE TECHNOLOGIES

Machine Learning • Deep Learning • Generative AI • LLMs • RAG • LangChain • LangGraph • Agentic AI • Prompt Engineering • NLP • RAGAS • ChromaDB • Vector Embeddings • Python • TensorFlow • PyTorch • Hugging Face • Gemini 2.5 • FastAPI • Streamlit • Power BI • SQL • Docker • AWS • Git

CORE COMPETENCIES

Problem Solving • Adaptability • Analytical Thinking • Critical Thinking • Team Collaboration • Effective Communication • Fast Learning • Time Management • Continuous Learning