

DUSHYANT

JSS Academy Of Technical Education Noida 201301

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Education

JSS Academy of Technical Education Noida

Oct. 2023 – Present

Bachelor of Technology in Information Technology

Noida, UP

Technical Skills

Languages & Tools: Python, Java, SQL (MySQL), Tableau, Git, GitHub

MLOps: Docker, Kubernetes, CI/CD Pipelines, MongoDB Atlas, MLflow, Prometheus & Grafana

Libraries & Frameworks: NumPy, Pandas, Scikit-Learn, TensorFlow, LangChain, OpenCV, PyTorch

Generative AI: RAG, AI Agents, LLMs, LangChain, Transformers, NLP, CrewAI, N8N, Autogen

Experience

Tellis Technologies Pvt Ltd

May 2025 – August 2025

AI/ML Developer Intern

Remote

- Designed a Retrieval-Augmented Generation (RAG) system by integrating vector databases (e.g., FAISS) with LLMs to enable domain-specific question answering.
- Explored open-source LLMs (like LLaMA / Mistral) and compared performance with API-based models for cost-efficiency and scalability.
- Built and fine-tuned prompt engineering pipelines to optimize response quality, reducing hallucinations and improving contextual accuracy in AI outputs.

Open Source Contributions

Superagent (YC-backed)

- Implemented URL security validation for PDF downloads to prevent SSRF attacks [View PR](#)
- Refactored guardrails tests into functional tests for improved reliability [View PR](#)

LiteLLM (YC-backed)

- Fixed audio cost-per-second override bug, improving pricing accuracy [View PR](#)

Projects

Secure MCP Server Framework

Python, FastMCP, Docker, FastMCP Cloud

- Built secure middleware between AI models and tools using JWT, RBAC, and rate limiting.
- Implemented sandboxed execution and token management for safe tool access.
- Deployed MCP server exposing 8+ secure tools via FastMCP Cloud.

Daredevil – AI Surveillance System

GNN, RAG (Pinecone), Three.js, Supabase, React, Next.js

- Built AI-based surveillance system detecting suspicious activities in real time.
- Developed GNN to uncover hidden relationships in behavioral data.
- Implemented alert system via WhatsApp, email, and phone notifications.

Compliance QA Pipeline (Brand Guardian)

LLMOps, RAG, Azure OpenAI, Azure AI Search, Azure Video Indexer, LangGraph, FastAPI

- Built LLMOps pipeline to audit YouTube content using speech, OCR, and metadata extraction.
- Designed RAG system using Azure AI Search for grounded compliance checks.
- Orchestrated workflow using LangGraph for end-to-end pipeline execution.

Achievements & Certifications

- Leader of my Team in SIH 2025 Grand Finale and Two Times National Level Hackathon Winner
- Machine Learning 1 - [Columbia University](#) and AWS Cloud Practitioner Essentials - [AWS](#)