

ANANT SHARMA

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EXPERIENCE

Software Developer Intern

NSC: National Safety Council | [Link](#)

March 2025 - Present

Bengaluru, Karnataka

- Built a retrieval-augmented generation (RAG) system to accelerate NSC document review, improving reviewer accuracy and decision turnaround by 30%.
- Designed and deployed Django workflow automating 500+ company submission cycles, enhancing data reliability, throughput for cross-team processes and email alerts (cron-driven logs, submission tracking).
- Automated sector-wise PDF report generation, reducing turnaround time to minutes and saving up to ~65% in manual processing costs including daily statistics.

PROJECTS

DeepWeave :LangGraph, agent middleware, tool-calling, subagent orchestration, LLM APIs

[Link](#)

- Developed a LangGraph-based agentic middleware enabling autonomous document synthesis and retrieval, cutting manual research time by 45%.
- Optimized memory-context management via summarization middleware, lowering token usage by 35% and reducing API spend by 28%.
- Implemented async subagent orchestration, achieving multi-stage reasoning pipelines with zero context loss across tasks.

RemembrAI : LangGraph, LangChain, LLM, vector embeddings, async workflows, pytest, LangSmith.

[Link](#)

- Created a ReAct-style memory agent achieving 100% successful recall across three scenarios, reducing user repeat prompts by ~30%.
- Enhanced contextual accuracy via vector retrieval and semantic search, improving response helpfulness by 25% in benchmark runs.
- Engineered conflict resolution logic to prevent memory duplication, increasing recall accuracy and reducing clarification turns by 80%.

mlops-observability-lr : Linear Regression, MLOps, OpenAI API, Prometheus, Grafana, Galileo.

[Link](#)

- Delivered a production-grade MLOps observability pipeline integrating Prometheus and Grafana dashboards for live metric visualization.
- Implemented Galileo telemetry hooks for model traceability and anomaly detection, increasing monitoring automation by 70%.

SKILLS

Languages:

Python, C/C++, TypeScript, JavaScript

AI/ML:

Agentic AI, RAG, Langchain, LLMs, NLP, OpenAI, MCP, Prompt Engineering

Frameworks/Libraries:

PyTorch, TensorFlow, scikit-learn, next.js, LangGraph, FastAPI, Django, REST API

Tools & infra:

Git, Docker, AWS, Prometheus, Grafana, Galileo

Databases:

PostgreSQL, MySQL, VectorDB, ChromaDB, CosmosDB

EDUCATION

SRM Institute Of Science and Technology

Bachelor of Computer Science and Engineering w/s AI-ML

2021 – 2025

Chennai, Tamil Nadu