

# Kurian Jose

+91 9354502635 | [kurianjoseoff@gmail.com](mailto:kurianjoseoff@gmail.com) | [linkedin.com/in/Kurian](https://linkedin.com/in/Kurian) | [github.com/Kurian](https://github.com/Kurian)

## PROFESSIONAL SUMMARY

AI/ML developer with practical experience in LLMs, Retrieval-Augmented Generation (RAG), NLP, and prompt engineering. Specialized in building legal-tech tools and automation workflows using LangChain, FAISS, and OpenAI/Groq APIs. Eager to drive applied AI solutions in high-impact domains like law, finance, and enterprise automation.

## EDUCATION

### Galgotias University

*B.Tech in Computer Science — AI and Machine Learning Specialization*

— Relevant Coursework: Machine Learning, NLP, Data Structures, Algorithms

Greater Noida, UP

*Oct 2023 – Present*

## EXPERIENCE

### Astron Financial Solutions

June 2025 – July 2025 (2 mo.)

#### AI Intern

- Built a **Legal Case Brief Generator** in Streamlit (Python, LangChain, Groq API) to create structured briefs from legal PDFs with automated extraction, chunking, and prompt chaining — reduced summarization time by **40%** and processed over **250+** pages of case law during testing.
- Developed a **Legal Scenario-Based Question Generator** (MCQ + Subjective) from Constitutional Law briefs (Art. 21) using dual PDF parsing, custom LLM prompts, and markdown export — improved content creation efficiency by **30%** and generated **100+** practice questions for legal training.
- Created an **Automated Legal Case Retrieval & Briefing** system with Selenium-based Indian Kanoon search, plain-English queries, and LLM-generated briefs — retrieved and summarized **50+** Supreme Court judgments with **85%** query relevance accuracy.
- Designed an **AI Model Consolidator** to merge outputs from multiple LLMs (OpenAI, Gemini, DeepSeek, Moonshot) into unified responses — reduced manual comparison effort by **60%** for internal AI evaluations.
- Built a **GSTR vs Purchase Register Reconciliation Tool** in Python (pandas) to match invoices, validate GST amounts, and flag mismatches — reconciled **1,200+** invoice records in under **3 minutes** with actionable discrepancy tips.
- Contributed to **deployment & integration** by creating Flask API endpoints for frontend connectivity, Dockerizing applications, and deploying solutions to a VPS server — enabling **100%** uptime in production use.

## PROJECTS

### AI Lawyer — Legal QA Chatbot (RAG) | *LangChain, FAISS, Ollama, DeepSeek, Groq API*

May 2025

- Developed a PDF-querying legal chatbot using Retrieval-Augmented Generation (RAG) architecture.
- Used FAISS and Ollama for document indexing and vector search; integrated DeepSeek via Groq API.
- Handled chunking, embedding, and LLM orchestration using LangChain.

### Case Text Finder | *Python, Selenium, OpenRouter API, PyMuPDF, pdfkit*

July 2025

- Built a tool to retrieve and summarize Supreme Court of India judgments from plain-English queries using LLMs.
- Automated Indian Kanoon searches with Selenium, downloaded PDFs, and generated structured briefs (facts, issues, judgment, impact) via OpenRouter LLM.
- Standardized case titles and created both markdown & styled PDF outputs for legal research use.

## SKILLS

**Languages:** Python, Java, SQL

**AI/ML:** Transformers, LLMs, LangChain, Retrieval-Augmented Generation (RAG), Prompt Engineering, NLP

**Frameworks & Tools:** Streamlit, Flask, Selenium, Git, GCP, Figma, Docker

**APIs & Libraries:** OpenAI, Groq Cloud, OpenRouter, FAISS, dotenv

**In Progress:** Hugging Face Transformers, MCP Servers, Scalable RAG Pipelines

## CERTIFICATIONS

**IBM:** Python for Data Science, AI Development

Certificate

**Guvi Education:** 100 Days of Python Expert

Certificate