

CHANDRANSHU JAIN

Chandranshu.jain.stats@gmail.com | (+91) 7007142435 | www.linkedin.com/in/chandranshu2000

SUMMARY

Generative AI Developer with 2+ years of experience building RAG pipelines, agentic workflows, and LLM-based solutions, risk analytics and AI adoption initiatives to drive product innovation—recognized at Moody's for impactful, client-centric analytics.

SKILLS

LLM/GenAI: LangChain, LangGraph, RAG, Prompt Engineering, Agentic AI, Embeddings, Vector DBs(Chroma & FAISS), LLMOps

Programming: Python, R, SQL, R Shiny, FastAPI, AWS

Tools & Frameworks: Streamlit, PostgresDB, HuggingFace, MS Excel, PowerPoint

Competencies: Risk Modelling, Regression, Statistical Analysis, Machine Learning, Deep Learning, Orchestration Pipelines

WORK EXPERIENCE

Moody's Analytics

Asst. Risk Consulting Associate

Jul 2023 – Present

Generative AI

- **Developed AI chatbot** using LangChain, OpenAI and PostgresDB; enabled cross-team adoption at the corporate level by streamlining user queries with **efficient RAG-based document retrieval**.
- Prototyped **Agentic AI workflow solution** to generate **data-informed narratives** from stress test results, empowering stakeholders' decision-making.
- **Drove AI adoption** and more than 30% efficiency gains by **leading initiatives** and **training sessions** on **Copilot, Gen AI** and **knowledge graphs**, enhancing team workflows and development practices.

Credit Risk and Solution Development

- Architected a **Model Risk Management product** for C&I and CRE portfolios using R, Shiny, and integrated **generative AI commentary using GPT 4o and detailed prompting**, reducing report delivery time by over 70% and strengthening operational efficiency.

ESG and Climate Risk

- Engineered **API-integrated, modular R solution** for Climate Regulatory Stress Testing (CRST), processing **100,000+ records** with 95%+ accuracy — delivering **10+ large-scale projects** on time in collaboration with cross-functional teams.

Intern

May 2022 - Aug 2022

- **Automated and optimized Economic Capital and scenario analysis** output files using R, improving execution speed and accuracy by 70%, enhancing financial reporting efficiency and reliability across multiple risk portfolios.

PROJECTS

- Built **agentic LLM Chatbot** using **LangGraph** with **memory, tools, and decision logic** deployed via **FastAPI + Streamlit** enabling real-time, general customer inquiries (like live weather updates or account questions) with **70%+ accuracy and scalable conversations**.
- Built **RAG chatbots** for multi-PDF Q&A using **Hugging Face and Gemini models** with **Chroma DB** and **Streamlit** — enabling scalable, **semantic document** retrieval on Hugging Face Spaces.

CERTIFICATIONS

- Ranked in **top 2% with 79%** in **NPTEL's Introduction to Large Language Models**, demonstrating strong grasp of LLM architectures, transformer models, and their practical applications.
- Completed **Hugging Face certifications** on cutting-edge GenAI technologies, including the MCP specialization.
- **DeepLearning.AI – Top 5% learner** across diverse courses including Prompting, MCP, DsPy, and LLM production workflows.
- Engaged in the **Agentic AI Innovation Challenge** by the **ReadyTensor**, showcasing practical applications of agentic workflows.

AWARDS & RECOGNITION

- **Delivered award-winning solutions**, completing tasks with **high precision and accuracy**, consistently meeting tight deadlines and exceeding client expectations, driving **client satisfaction and business growth**.
- Awarded **IMPACT awards** for displaying exceptional display of commitment and detail in stressful situation and ensuring high quality work in code development.

EDUCATION

Hindu College

M.Sc. Statistics (Gold Medallist) | 9.667

New Delhi, India

Dec 2021 - May 2023

Ramjas College

B.Sc.(H) Statistics (Course Topper) | 9.62

New Delhi, India

Jul 2018 - May 2021

City Montessori School

12th (ISC) | 96%

Lucknow, India

Jul 2017 - May 2018