

Rishank Gautam

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SUMMARY

Experienced Data Scientist with a strong background in developing AI-driven solutions, including contract extraction systems and supplier evaluation bots. Proficient in Python, Langchain, and FastAPI. Demonstrated problem-solving and analytical skills through innovative projects

EXPERIENCE

Associate Data Scientist

Emplay Analytics

July 2024 - Present, Bengaluru, KA

- Developed an AI-driven contract extraction system, automating the processing of 2,000+ contracts per run using OCR, LLM-powered extraction, and ingestion services, enhancing efficiency and accuracy.
- Built a Generative AI-based data extraction solution, integrating LangChain, OpenAI, FastAPI, Microsoft Graph APIs, and Docker to automate information retrieval, streamlining content uploads to SharePoint and CRM logging, improving system reliability and scalability.
- Designed an LLM-powered supplier evaluation bot, automating the assessment of supplier responses to RFP requirements, reducing manual effort by 70% and enhancing decision-making efficiency.
- Redesigned and enhanced an existing service bot by transforming its rigid, card-based, click-through flow into a dynamic, multi-turn conversational experience, significantly improving user engagement and overall usability.

Data Science Intern

Emplay Analytics

January 2024 - July 2024, Bengaluru, KA

- Designed and implemented LLM-based solutions for advanced information retrieval and automation.
- Developed and deployed scalable FastAPI applications for AI-driven data extraction, improving the process speed by 60%.
- Built a Computer Adaptive Testing (CAT) simulation, increasing testing accuracy and adaptability through using Python, Langchain, CATSim, FastAPI, Docker, Streamlit, and Azure OpenAI.

ML Engineering Intern

3DAiLY

September 2023 - November 2023, Bengaluru, KA

- Developed and fine-tuned deep learning models for 3D modelling applications and super-resolution tasks.
- Extracted intricate skin textures and features from 2D images, seamlessly imprinting them onto 3D models, improving visual fidelity by 10%.
- Utilised Python, Tensorflow, OpenCV, PyTorch, GAN, and Computer Vision to streamline 3D modelling processes.

SKILLS

Languages: Python, SQL

Data Analysis and Visualisation: Seaborn, Matplotlib, Pandas, PowerBI, Tableau, MS Excel

Technologies/Frameworks: Linux, Git, GitHub, Tensorflow-Keras, Numpy, YOLOv8, Transformers, GAN, Pgvector, PyTorch, FastAPI, Azure, OpenAI, Langchain, LangGraph

Domain Knowledge: Data Science, Deep Learning, Computer Vision, NLP, Gen AI, LLM, Statistics, Statistical Modelling, Docker

EDUCATION

Bachelor of Technology in Computer Science Engineering

Minor in Data Science Specialization • Dayananda Sagar University • Bengaluru, Karnataka • 2024 • 7.99

PROJECT

Smart Legal Assistant (Smart-LA)

github.com/Ris1103/Smart-Legal-Assistant • July 2025 - Present

- AI-powered legal assistant for Indian SMBs.
- Designing a hybrid RAG + Agent system to provide contextual legal advice and contract generation.
- Implementing ChromaDB for semantic search, pgVector for hybrid queries, Redis for caching, and Celery for async processing.
- Building a knowledge base using Indian legal templates and regulations, enabling document summarisation and conversational UX.

Football Tracking model using YOLOv8

github.com/Ris1103/Football-Tracking-Model • July 2023 - July 2023

- Developed and trained a deep learning model using YOLOv8 on several real-life football images using the concept of object detection. Hence, developed a model to detect the movement of football in videos, making it easy to track the ball and analyse the game with improved accuracy.