

RISHIKUMAR D

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CAREER OBJECTIVE

I'm a responsible and organized individual who thrives both in a team and independently. Having gained practical exposure through internships and hands-on projects in **Machine Learning and Large Language Models (LLM)**, I'm eager to grow, contribute to **AI-driven solutions**, and further develop my skills in a professional environment.

TECHNICAL SKILLS

- Languages: Python, SQL, HTML, PowerBI
- Skills: Machine Learning, Data Analysis, Large Language Models (LLM), Retrieval-Augmented Generation (RAG)

EXPERIENCE

Tringapps.Inc, Intern	23/01/2023 - 23/03/2023
• Gained practical insights into Java, PostgreSQL and Data Structures.	

Infosys Springboard, Intern	06/02/2025 - 19/03/2025
• Focused on Artificial Intelligence and Machine Learning, gaining hands-on experience in ML Model Building, Large Language Models (LLM), Vector Databases, Pinecone, and Retrieval Augmented Generation (RAG) .	
• Worked on the project " AI-Powered Guest Experience Personalization System for Hospitality. "	

PROJECTS

File Encryption/Decryption Tool Python, Tkinter	10/10/2024 – 13/10/2024
• Built a GUI application to encrypt and decrypt text, PDF, and Word files	
• Integrated file upload feature with support for .txt, .pdf, and .docx formats	
• Integrated file selection, key generation, and overwrite protection using Tkinter	
• Modularized logic across components for encryption, file handling, and GUI control	
AI-Powered Guest Experience Optimization for Hospitality (Infosys Springboard)	06/02/2025 – 25/03/2025
• Developed a Streamlit-based hotel booking interface generating coupons with offers for top 3 dishes using an XGBoost model based on customer preferences.	
• Used LLM to summarize customer reviews, extract sentiment (positive, negative, neutral), display sentiment percentages in a pie chart, and identify key strengths and issues from feedback in the hospitality domain.	
• Developed a Hotel, Dining & Reviews Dashboard providing real-time insights, sentiment analysis, and interactive visualizations of bookings, dining preferences, and customer reviews.	
• Leveraged vector databases (Pinecone) and LLMs for efficient review analysis and sentiment extraction, enhancing the customer feedback analysis process.	
Handwritten Math Symbol Classifier	28/03/2025 – 05/03/2025
• Built a Streamlit-based handwritten math symbol classifier using a PyTorch CNN model , enabling users to upload images for real-time LaTeX symbol prediction with grayscale preprocessing and dynamic UI feedback.	

CERTIFICATIONS

- Digital Skills: Artificial Intelligence – (ACCENTURE) FUTURELEARN
- Data analytics and visualization Job Simulation – (ACCENTURE) FORAGE
- Principles of Generative AI- INFOSYS SPRINGBOARD
- Python for Data science– IBM
- Introduction to Data Science – CISCO
- Principles of Generative AI- INFOSYS SPRINGBOARD

EDUCATION

Amrita Viswha vidyapeetham, Coimbatore	Graduation 2026
M.Sc Data Science in Logistics and Supply Chain Management	
• Relevant Course: Machine Learning, Data Mining, Logistics, Supply Chain, Data Science	
• CGPA: 8.96*	
Thiagarajar College, Madurai	Graduation 2024
B.Sc Computer Science with Cognitive System	
• Relevant Course: Java, Selenium, Data Structure, Cloud Computing	
• CGPA: 8.86	
Sivakasi Nadar, Madurai	
• HSC:82% SSLC:74.6%	