

# 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 my internship, I'm eager to grow, contribute, and further develop my skills in a professional environment.

## TECHNICAL SKILLS

- Languages: Python, SQL, HTML, PowerBI
- Skills: Machine Learning, Data Visualization Techniques, Data Analysis

## EXPERIENCE

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

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

## PROJECTS

<b>File Encryption/Decryption Tool   Python, Tkinter</b>	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	
<b>AI-Powered Guest Experience Optimization for Hospitality (Infosys Springboard)</b>	06/02/2025 – 25/03/2025
• Developed a <b>Streamlit-based</b> hotel booking interface generating coupons with offers for top 3 dishes using an <b>XGBoost model</b> based on customer preferences. • Used <b>LLM</b> 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 <b>Dashboard providing real-time insights, sentiment analysis, and interactive visualizations of bookings, dining preferences, and customer reviews.</b> • Leveraged vector databases (Pinecone) and LLMs for efficient review analysis and sentiment extraction, enhancing the customer feedback analysis process.	
<b>Handwritten Math Symbol Classifier</b>	28/03/2025 – 05/03/2025
• Built a <b>Streamlit-based handwritten math symbol classifier</b> using a <b>PyTorch CNN model</b> , enabling users to upload images for real-time <b>LaTeX symbol prediction with grayscale preprocessing</b> and dynamic UI feedback.	

## CERTIFICATIONS

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

## EDUCATION

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