

Sahil Kumawat

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SUMMARY

Passionate about Artificial Intelligence and Machine Learning with a strong focus on Generative AI applications, including RAG systems, intelligent agents, and Langhian. Skilled in Prompt Engineering, Deep Learning (CNN, RNN, ANN, LSTM), and Python for building innovative AI-driven solutions.

EDUCATION

University of Engineering & Management Jaipur <ul style="list-style-type: none">B.Tech - Computer Science and Engineering; CGPA: 7.5Specialization in Artificial Intelligence & Machine Learning	2022 – 2026
Higher Secondary Education <ul style="list-style-type: none">Rajni Public Sr Sec School, Chomu (RBSE - 70%)	APR 2022
Secondary Education <ul style="list-style-type: none">Adarsh Vidhya Mandir ,Dhawali (RBSE - 73.50%)	MAR 2020
Rajasthan State Certificate in Information Technology <ul style="list-style-type: none">Vardhman Mahaveer Open University, Kota (RS-CIT – 75%)	MAR 2020

EXPERIENCE

Tata Group Data Analytics Job Simulation on Forage <ul style="list-style-type: none">Designed an AI-driven collections strategy leveraging agentic AI and automation.Conducted exploratory data analysis (EDA) using GenAI tools to assess data quality, identify risk indicators, and structure insights for predictive modeling	AUG 2025
Tech Team Member E- CELL <ul style="list-style-type: none">Organized 5 entrepreneurship events, driving student engagement, speaker coordination, and event logistics to foster innovation and startup culture	OCT 2024

PROJECTS

HealthCare Chatbot System <ul style="list-style-type: none">Developed a responsive AI-powered chatbot using Python, Flask, and NLP techniques to provide instant medical guidance for 20+ diseases, featuring a user-friendly HTML/CSS Interface	JAN 24
WhatsApp Chat Analyzer <ul style="list-style-type: none">Developed an interactive web app to analyze WhatsApp chat data, providing insights on message statistics, activity patterns, busiest periods, top contributors, emoji usage, and sentiment analysis.Implemented data visualization using Python and NLP techniques for enhanced user behavior understanding and automated chat insights.	FEB 25
RAG - based Chatbot System <ul style="list-style-type: none">Developed an intelligent document-awareassistant using Retrieval-Augmented Generation (RAG) that processes PDF/TXTfiles, generates concise summaries, and answers context-based questionsOptimized performance using a lightweightopen-source Falcon-7B model, ensuring offline functionality with efficientmemory utilizatio	JUNE 25

SKILLS

Programming & Data Science:	Python,C,java , Deep Learning(CNN,RNN, ANN),LSTM, Langchain ,LLM, NLP ,Transformers
Tools/Technologies:	GitHub, n8n workflow, Zapier, Google Collab, Ollama
GenAi:	LangChain, Agents, Prompt Engg, Vector DB
Core Concepts:	DSA, OS, CN, DBMS, LLMs
Libraries:	Pandas, NumPy, Matplotlib, Streamlit

CERTIFICATIONS/COURSES

Coursera: Programming for everybody (Getting started with Python), Introduction to NLP and Syntactic Processing, Introduction to Deep Learning & Neural Networks. with Keras