Suraj Yadav

Passionate AI enthusiast with a foundation in machine learning , deep learning and Agentic AI framework. Driven to develop innovative AI solutions and contribute to impactful AI projects, eager to apply and expand my expertise in a challenging environment.

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WORK EXPERIENCE

Python Guest Lecturer
Lucknow Public College of Professional Studies, Lucknow University

2021 - 2024   *Lucknow*

Achievements/Tasks

- Taking 40 lectures per semester of BCA students.
- Teaching basics and intermediate of Python language.

PERSONAL PROJECTS

AI Content Generation Crew ⧉
- A Streamlit web application that leverages CrewAI agents (powered by Gemini and using Serper for search) to automatically research, write, and edit blog posts based on user-provided topics.

Assignment Grader ⧉
- A AI-powered tool that automatically grades academic assignments, checks for plagiarism, and provides detailed feedback to students.

Thai Cuisine Expert AI ⧉
- An conversational agent specialized in authentic Thai cuisine, powered by Agno AI to provide expert knowledge about recipes, ingredients, techniques, and cultural context.

Presentation Generator ⧉
- A powerful AI-driven tool that automatically generates professional presentations based on user-defined topics, audience, and styling preferences.

Adaptive RAG ⧉
- Adaptive Retrieval-Augmented Generation (Adaptive RAG): Advanced RAG system that dynamically adjusts retrieval and generation for improved accuracy and relevance based on query complexity.

YouTube Assistant ⧉
- A powerful tool that leverages LLMs (Large Language Models) to automatically generate blogs, summaries, and study notes from YouTube videos.

Chatbot with LangGraph ⧉
- A chatbot built with LangGraph that supports multiple LLM providers and tool integrations.

EDUCATION

Diploma in AI and ML
Applied Roots, Hyderabad University

2021 - 2022   *Percentage: 79.16 %*

Bachelor in Computer Applications
Sherwood College of Professional Management, Lucknow University

2016 - 2019   *Percentage: 66.55 %*

SKILLS

Python · Machine Learning · LangChain · LangGraph · CrewAI · Langflow · Deep Learning · GitHub(Basic) · GitHub Action · Docker · SQL · Tensorflow · FastAPI · AWS

CERTIFICATES

TensorFlow Developer Certificate Bootcamp (05/2023 - 09/2023) ⧉

Complete Tensorflow 2 and Keras Deep Learning Bootcamp (09/2022 - 11/2022) ⧉

The Complete Python Bootcamp From Zero to Hero in Python (08/2022 - 10/2020) ⧉

The Complete SQL Bootcamp: Go from Zero to Hero (09/2022 - 10/2022) ⧉

LangChain with Python Bootcamp (08/2023 - 08/2023) ⧉

LANGUAGES

Hindi
Full Professional Proficiency

English
Limited Working Proficiency

HOBBIES

Photography · Watching Movies · Gym