

# NIRAJ KUMAR YADAV

(AI/ML Developer)

📞 (+91) 8168427476 — ✉ yadavnirajkumar631@gmail.com — 🌐 LinkedIn — 🐙 GitHub — 📁 Portfolio — 📍 Noida Sector-59

**SUMMARY** — An AI / ML enthusiast and Python Developer with strong skills in Python, Machine Learning, and Generative AI tools such as LLM and RAG. Experience in building real-world web apps using Streamlit and integrating AI models for end-user solutions. Passionate about creating innovative AI projects and constantly learning new technologies to solve real-life problems.

## SKILLS

**Languages:** Python, HTML, CSS, SQL  
**Frameworks:** Scikit-learn, Tensor-flow, Keras, Pandas, NumPy, Matplotlib, Seaborn, Streamlit, FastAPI, Langchain, LangGraph

**Concepts:** OOPS, OS, DBMS, DSA  
**Tools:** Git, GitHub, VS-code, PyCharm, Jupiter, Hugging Face, Google-Colab  
**AI Tools:** ChatGPT, Gemini, Claude etc

## INTERNSHIP

**CodeSoft Pvt Ltd.**

July 2024 - Sep 2024

*Python Developer Intern*

- Developed and optimized Python scripts for data cleaning, automation, and back-end integration tasks.
- Built mini-projects using libraries like Pandas, NumPy, Streamlit, and SQLite for real-world problem solving.
- Collaborated with the team to implement REST APIs and streamline workflows using Python-based tools.
- Worked on debugging and improving the performance of the existing Python codebase.

## PROJECTS

**AI Webscraber**

GitHub — Live

- **Features:** Authentication (sign up, log in, log out, update profile, create recipe, save/view favorite recipes), guest view, The objective is to build an automated solution that can extract, process, and analyze web data efficiently while ensuring compliance with legal and ethical guidelines after that we can communicate with the extract data.
- **Technology:** Python, Streamlit, Ollama, Chrome, Chrome Driver, Selenium, BeautifulSoup, LangChain, streamlit, and other related technologies.

**House Price Prediction**

GitHub — Live

- **Features:** Developed a Streamlit web app to predict house prices based on location and nearby amenities using a machine learning regression model. Integrated interactive user input, real-time predictions, and deployed in Streamlit Cloud for easy access.
- **Technology:** Python, Scikit-learn, NumPy, Pandas, Streamlit and related technologies.

**AI-Powered Document Chatbot**

GitHub — Live

- Built an interactive RAG (Retrieval-Augmented Generation) chatbot that allows users to upload documents (PDF, DOCX, TXT) and ask natural language questions. Integrated Google Gemini 1.5 Flash LLM for fast and accurate answers using relevant document context.
- **Technology:** Python, Streamlit, Google Gemini LLM, LlamaIndex, PyMuPDF, markdown2, dotenv, LangChain-style query engine

## ACHIEVEMENTS AND CERTIFICATION

- **Professional:** 2 years of experience in Nepal Kinetic Courier and Cargo as a Computer Assistance position, Nepal.
- **Machine Learning with Python:** Cognitive Class **Certificate**
- **Python Pro Bootcamp:** Udemy **Certificate**
- **Prompt Engineering:** Udemy **Certificate**

## EDUCATION

- **Panipat Institute of Engineering and Technology (PIET)**, Panipat, Haryana  
Bachelor of Technology in Computer Engineering 2021–2025  
CGPA: 6.7
- **Om National Academy**, Birgunj, Nepal  
NEB Board (XII) 2019  
Percentage: 65%

## LANGUAGES

- Nepali, Hindi, English, Bhojpuri

## HOBBIES

- Lifelong learning, Travelling