NIRAJ KUMAR YADAV
(AI/ML Developer)

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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 Django 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	**Tools:** Git, GitHub, VS-code, PyCharm, Jupiter, Hugging Face, Google-Colab
Frameworks: Scikit-learn, Tensor-flow, Keras, Pandas, NumPy, Matplotlib, Seaborn, Streamlit	**AI Tools:** ChatGPT, Gemini, Claude etc
Concepts: OOPS, OS, DBMS, DSA	

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.

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