

Ruhani Gera

+91-7589013972 | ✉ ruhanigera7@gmail.com | 🔗 <https://www.linkedin.com/in/ruhani-gera-851454300> |
📄 <https://github.com/CodeWithRuhani> | 📍 Nangal, Distt. Roopnagar -140124 , Punjab, India

Aspiring Data Scientist & AI Engineer with experience in building AI-powered applications, LLMs (LLaMA, Gemini) and Proficient in Python, Streamlit, FastAPI, SQL .

Education

B.Sc (Hons.) Artificial Intelligence & Data Science — Sri Guru Teg Bahadur Khalsa College , Sri Anandpur Sahib
Cgpa : 8.80 (And Ambassador of New Education Policy)
2023 – 2026
12th Govt. Girls Senior Secondary School, Nangal, Punjab(2022 – 2023)
10th Govt. Girls Senior Secondary School, Nangal, Punjab (2020 – 2021)

Skills

Languages: Python, C++, C, HTML , R

Technologies: Flask, SQL, OpenCV, Mediapipe , Streamlit, Numpy, Pandas, Keras, Matplotlib, Seaborn, Scikit-learn, Transformers, TensorFlow, Keras.

IDEs : VScode , Pycharm , Jupyter Notebook , Google Colab.

Visualization Tool : PowerBI

Version Control : Git , Github.

Natural Language Processing : Text classification , Sentiment analysis.

AI/ML: LLMs, Gemini API, Hugging Face, RAG Systems

Cloud/DevOps: AWS, Google Cloud

Others: Linux

Projects

Hand-Gesture Based Calculator

Developed a calculator which is based on real – time hand gestures of person . I designed the arithmetic gestures mappings to track the finger movements of hands with the help of opencv and mediapipe and deployed this system with a very lightweight Python GUI.

Tech Stack: Python , OpenCV , Mediapipe , Numpy, PyAutoGUI.

Hand Written Digit–Recognition : Built a Convolutional Neural Network using Tensorflow and Keras to classify handwritten digits from the MNIST dataset . Basically in this project, the user send image of any handwritten digit to the model and then the model tells that actually which digit it is .

Tech Stack : Python , Tensorflow , Keras , CNN , MNIST dataset .

Beginner Chatbot using Gemini Model

Built a simple chatbot project powered by Google’s Gemini model to understand how large language models work. Connected the model through API requests and built a basic web interface using Python and Flask. This project helped me to build foundational AI into applications.

Tech Stack : Python , Streamlit , Gemini API .

AI Chatbot with session memory

Enhanced my initial chatbot project by adding session-based memory to support the conversations. So ,mainly this chatbot can remember previous user inputs during a session , enabling more natural and intelligent dialogue.

Tech Stack : Python , Flask , Gemini API/Hugging Face Transformers.

Certificates

Artificial Intelligence Fundamentals – Certified by IBM

Web Development Fundamentals – Certified by IBM

Career Management Essentials – Certified by IBM

Soft Skills

- Strong Communication in English
- Good Public Speaker in & Presentation Giver
- Active Listener
- Teamwork
- Leadership
- Time Management