

# Sahil Siddiki

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## SKILLS

Python, Flask, Deep Learning with Tensorflow and PyTorch, Machine Learning with Sci-kit learn, Numpy, Pandas, Matplotlib/Seaborn.

Langchain, Language Models, Prompt Engineering, OpenAI, Generative AI.

HTML/CSS, JavaScript, NodeJs, ReactJs, React Native.

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## PROJECTS

**RAG Langchain Agent using Groq** : Extracting, chunking, embedding and Vector Store content for retrieval based on user input.

**Conversational Chatbot** : Groq LangChain with multiple models (Llama3, Mistral, Gemma) Streamlit  
**Synthetic DATA Generation using LangChain**

**Reduced Carbon Footprint through Gen AI**: Image analysis (Gemini 1.5 Pro) and LangChain to sustainable materials, minimize environmental impact, and develop eco-friendly decorative elements.

**ML EDA using Streamlit**: A machine learning analysis dataset, training and visualize in web app.

**Fine tune and quantization llama 2 on Kaggle**

**GVA (Generative Voice Assistant)**: AI Voice Assistant based on the GPT Model.

**Dark Pattern Detection**: A YOLOv8 Computer Vision Using TensorFlowJs with a ReactJS & NodeJS.

### Group Projects

Eco-Verse : Virtual Metaverse Platform. Encouraging an eco-friendly lifestyle

VOID - 3D Social Media

Vaanya: Your Instant Food Health Companion

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## ACHIEVEMENTS AND AWARDS

### Dark Patterns Buster Hackathon (Grand Finale)

Issued by The Department of Consumer Affairs, Government of India

### Hackaccino Hackathon (1st position)

Issued by Bennett University, Greater Noida  
April 2024

### FrostHack Hackathon (1st position)

Issued by Institute of Aeronautical Engineering (IARE) Hyderabad . January 2024

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## CERTIFICATIONS

### Kaggle Modules

Intermediate Machine Learning.

Pandas.

Feature Engineering.

Data Cleaning.

Data Visualization.

Intro to Deep Learning by Kaggle.

Intro to Machine Learning.

### Training and Bootcamps

MERN Stack industrial training by InternNexus.

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## EDUCATION

Maharshi Dayanand University ,Rohtak, Haryana, India

Indraprastha Institute of Technology and Management, Janakpuri

Bachelor of technology,

Computer Science Engineering

GPA - 8/10

**2020-2024**