Satjot Singh Saini

E-mail : sainisatjot005@gmail.com

Linkedin : https://www.linkedin.com/in/satjot-singh-saini/

Github : https://github.com/Satjot05   Mobile : +91 9417443542

EDUCATION

Baba Farid College of Engineering & Technology   Punjab **,** India
Bachelor of Technology ; Current GPA : 7.3   **August 2023 –2027**
Branch : C.S.E (A.I. & M.L.)

PROJECTS

Visual Search Engine using Vision Language Models
https://github.com/Satjot05/Visual-Search-Engine-Using-VLM
- Built and deployed a visual search engine that retrieves images based on textual queries or sample images, leveraging Vision-Language Models (VLMs).
- Implemented image-text embedding generation, vector similarity search (using FAISS), and developed an intuitive web application using Streamlit.
- Focused on improving retrieval accuracy, scalability, and user experience through optimized indexing and model tuning.

3D animated website using Framer
https://zypher3d.framer.website/
- Designed and built a responsive 3D product landing page in Framer, using scroll animations, custom components, and a modern UI to enhance engagement and visual appeal.
- Applied UI/UX best practices to create a clean layout, strong CTAs, and mobile-friendly design optimized for conversion and user experience.
- Gained hands-on experience in no-code development, SEO optimization, and performance tuning, delivering a polished, production-ready website.

An Ecommerce Website for Digital Products
https://myecomm.framer.website/
- Developed a modern, responsive eCommerce website in Framer, showcasing product categories, featured items, and a clean, conversion-focused layout.
- Implemented intuitive navigation, interactive product cards, and consistent branding to enhance user experience and visual hierarchy.
- Gained practical experience in designing digital storefronts, focusing on layout structure, mobile responsiveness, and UI/UX design principles.

TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, JavaScript
- **Data Science & Machine Learning:** Data Cleaning and Preprocessing , EDA.
- **Data Structures & Algorithms (DSA):** Strong problem-solving skills in DSA
- **Web Development:** HTML, CSS
- **UI and UX Designing:** Figma and Framer
- **Version Control:** Git, GitHub

PROFILE / SUMMARY

Motivated and passionate Computer Science (Artificial Intelligence & Machine Learning) student with strong enthusiasm for **Data Science**, **Machine Learning**, and **UI/UX Design**. Experienced in hands-on projects involving data-driven problem solving, interactive web design, and collaborative development. Skilled in **statistical analysis**, **data cleaning and preprocessing**, and **machine learning**, as well as **UI/UX design using Framer and Figma** to create user-centric, responsive interfaces. Eager to contribute to impactful, interdisciplinary projects and explore innovative solutions at the intersection of **data, design, and technology**.