KUMAR SAKSHAM

STUDENT

CONTACT

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Sahibganj, Jharkhand, India

SKILLS

Programming : Python, C++ and Java

Data processing: SQL, pandas, NumPy

Data visualization: matplotlib, seaborn, plotly

Machine Learning: scikit-learn, Basic TensorFlow

Web development: Django, Basic HTML, Basic CSS

Model deployment: streamlit, Heroku

EDUCATION

Bachelor Of Computer Science

Sahibganj College

2022-Present

CLASS 12, JAC BOARD

Sahibganj College

Year 2022, Grade: 70%

CERTIFICATIONS

Machine Learning Specialization

Google Data Analytics

LANGUAGES

English

Hindi

PROJECTS

STABLEFUSION | Source Code | Video Demo

- Developed and maintained "CryptoKon," a Python and Streamlit-based web UI for ***Stable Diffusion*** *Models*.
- **Diverse Functionalities**: Implemented ***text-to-image***, ***image-to-image***, ***inpainting***, *instruct pix2pix*, ***textual inversion***, ***ControlNet***, ***OpenPose Editor***, *image* info ***retrieval***, and ***model conversions***.
- **User-Friendly Design**: Ensured a simple and accessible interface for various ***image processing*** *tasks*.
- **Technology Stack**: Built using ***Python***, ***Machine Learning,*** and ***Streamlit*** for efficient web application functionality.

TEXT SUMMARIZATION | Source Code | Video Demo

Automated BBC News Summarization: Python with NLP libraries such as Spacy for automated ***summarization of BBC News articles***.

Custom Text Summarization: implemented ***user-input text summarization*** using Python, Streamlit, and NLP libraries for a personalized experience.

Efficient Information Retrieval: Streamlit framework for backend operations, ensuring efficient ***data retrieval and processing***.

Enhanced User Engagement: Combined automated BBC News and custom text summarization, creating a cohesive user experience with ***Python***, ***Streamlit***, and ***NLP libraries*** like ***Spacy***.

SECONDBRAIN | Source Code | Video Demo

- SecondBrain is your second brain in the cloud, designed to easily store and retrieve *unstructured information*. It's like Obsidian but powered by **generative AI.**
- Utilizes advanced generative AI, powered by models like those from **Hugging Face**, for information generation and retrieval.
- Implements **Streamlit** for a user-friendly and interactive interface design.
- Built using technologies such as **LangChain** for integration, **Hugging Face** for AI capabilities, **Python** as the primary programming language, and **Streamlit** for the user interface.

CODING PROFILE

Github: everydaycodings

LeetCode: everydaycodings

CodeForces: everydaycodings

Kaggle: everydaycodings