



Uditansh Srivastava

Roll No.: 202333294

Computer Science And Engineering

Your Course

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GitHub Profile

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EDUCATION

•Motilal Nehru National Institute Of Technology

Year: 2023 - Present

Bachelor Of Technology and Computer Science And Engineering

PERSONAL PROJECTS

•Image Search Engine

- Tools & technologies used: Python , Deep Learning , Transfer Learning
- Developed an interactive image search engine leveraging deep learning techniques and the Streamlit framework. Utilized a pre-trained ResNet50 model for feature extraction and implemented a Nearest Neighbors algorithm to find and recommend similar images based on visual content. Successfully integrated the system with a user-friendly web interface, enabling efficient image search and retrieval.

•Real-Time Article Insight and QandA Engine

- Tools & technologies used: Python , Langchain
- Created the Real-Time Article Insight and QA Engine, a sophisticated tool designed to enhance content discovery and query resolution. This project leverages Streamlit, LangChain, and OpenAI APIs to process and analyze text from user-provided URLs. The engine builds a searchable vector store using FAISS and integrates advanced question-answering capabilities, delivering accurate answers and relevant sources in real-time.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Python , C

Cloud/Databases: MongoDB

Soft Skills: Quick Learner , Problem Solver , Leadership

Areas of Interest: Machine Learning , Deep Learning

ACHIEVEMENTS

Codestart 2024 - First year - Rank 1

Insomnia 2024-Global Rank 47

MathRush, Avishkar 2024- Rank 3

CodeChef Contest Global Rank 26

CodeChef rating: 4 Stars

Codeforces rating: 1380

Leetcode rating: 1764