



RISHABH JAIN

Reg.No: 2023DS18

M.TECH [CSED]

Artificial Intelligence and Data Science

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GitHub Profile

LinkedIn Profile

EDUCATION

•Motilal Nehru National Institute of Technology Allahabad

2023-25

M.Tech in Artificial Intelligence and Data Science

CGPA: 7.3

•Mangalayatan University Aligarh

2019-23

B.Tech in Computer Science and Engineering

CGPA: 8.63

PERSONAL PROJECTS

–Hybrid Search Engine with Google and ChatGPT Integration

Nov 2024

A search engine that combines results from Google and ChatGPT for enhanced query responses

- * **Tools & Technologies Used:** Python, Flask, REST APIs, BeautifulSoup, OpenAI GPT API.
- * Implemented a system to process user queries, fetch results from Google, and simultaneously generate detailed contextual answers from ChatGPT.
- * Built an intuitive user interface with Flask for query input and displaying results in an easy-to-read format.
- * Ensured compliance with API usage policies and optimized the response time for seamless user experience.

–Emotion-Based Caption Generator

June 2024

A system that generates image captions based on detected emotions in images

- * **Tools & Technologies Used:** Python, TensorFlow, OpenCV, NumPy, Natural Language Toolkit (NLTK).
- * Built a deep learning model to detect emotions in images using facial expression analysis.
- * Generated captions dynamically by combining detected emotions with object recognition results from images.
- * Ensured seamless processing of images with OpenCV for pre-processing and TensorFlow for emotion and object detection.

–IPL WIN PREDICTOR

Dec 2023

Input current match situation including team performance, player statistics, and match conditions

- * **Tools & technologies used:** Python , Logistic Regression , NumPy , Streamlit
- * Get live predictions for IPL match outcomes based on the current match situation .
- * The predictor is deployed on Streamlit, offering a user-friendly interface for exploring match scenarios.
- * User can adjust the match parameters and teams to simulate different match scenarios.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, Java

Developer Tools: HTML, CSS, JS, PHP, Flask, Streamlit

Frameworks: React.Js, TensorFlow

APIs/Technologies: REST APIs, OpenAI GPT API, Google Search API, BeautifulSoup, OpenCV, Natural Language Toolkit (NLTK)

Cloud/Databases: MySQL, MongoDB

Soft Skills: Problem-Solving Skills, Leadership, Teamwork, Adaptability, API Integration, UI/UX Design

Coursework: Data Structures and Algorithms, DBMS, Operating System, Soft Computing, Machine Learning, Artificial Intelligence, Data Science

Areas of Interest: Deep Learning, Computer Vision, Natural Language Processing (NLP)

POSITIONS OF RESPONSIBILITY

–Secretary at 'KADAM', A Social Working Group of Mangalayatan University

Aug 2022 to June 2023

–President of Boys and Girls Hostel at MU Club

Oct 2022 to May 2023

–Organized Deepotsav22, Hostel Sports Fest22 Team Lead

Sept 2022 to Dec 2022

–Academic Secretary of MUSC Club

Aug 2021 to May 2022

–Captain of Hostel Cricket Team & won the Inter-Departmental Cricket Tournament

Dec 2019

ACHIEVEMENTS

–Qualified Gate22 and Gate23 5k Rank During 3rd Year of B.Tech

2022 and 2023

–Solved 500+ DSA Problems On LeetCode, CodeChef, CodingNinjas

2023-Present

–Coding Ninjas Expert in Problem Solving(Level-7)

2023-Present

–MNNIT Topper on CodingNinjas Among 2500+ Students(Rank-2)

March 2024