GAJJAR KHUSHI

| LinkedIn | GitHub |Email | Kaggle| Medium

EDUCATION

B.E. in Computer Engineering (Currently in 8th Sem with **8.5 CGPA**)|| Aug '20 - July '24

TECHNICAL PROFICIENCIES

Languages:	Python, C / C++, SQL
NLP:	NLTK, LSTM, Transformers, Named Entity
Computer vision:	OpenCV, Tensorflow, PyTorch, YOLO, Object Detection,MediaPipe
Data Analytics / Science:	Statistics, NumPy, Pandas, Matplotlib, Seaborn, BeautifulSoup, Plotly
Database/others:	Git, Firebase, MySQL,PostGreSQL
Web Technologies:	Flask, Django

WORK EXPERIENCE

Data Science Intern || BroaderAI IT Solutions Jul'23- May'24
Led website backend development, progressing to machine learning projects with OpenCV, including document scanning, mango leaf disease detection, and object recognition. Managed efficient data extraction with pdfplumber, contributing to a text-to-speech conversion project, and showcased expertise in computer vision through practical use of YOLO and MediaPipe, significantly impacting innovative project development.

Academic Research || Cross-Cultural Multilingual Sarcasm Analysis in Indian Dialects Sep '23- Present
Collaborating with fellow researcher Raval Meet and guided by Dr. Mitali Desai, I am actively involved in refining and optimising the implementation of natural language processing (NLP) models and techniques to identify and analyse sarcastic language in various Indian regional dialects, aiming for increased accuracy and robustness in multilingual sarcasm detection.

PROJECTS

Malaria Cell Classifier: Utilised TensorFlow, Keras, and Streamlit to develop a user-friendly UI for cell image analysis, distinguishing between parasitized and uninfected cells.[Source Code]

Chatbot: Developed a Flask-based web application that extracts and processes text from PDFs, utilising NLTK and scikit-learn to enable question answering via TF-IDF and cosine similarity.[Source Code]

Data Scraping: Developed datasets using BeautifulSoup for web scraping, demonstrating proficiency in data curation. Uploaded datasets on Kaggle, available at [Datasets Link].

Real-Time Hand Gesture Recognition:Created a real-time hand gesture recognition system using Python, OpenCV, and Mediapipe to interpret multiple gestures for interactive applications.[Source Code]

ACHIEVEMENTS

Kaggle Dataset Expert: Acknowledged as a Kaggle Dataset Expert for exceptional skills in sourcing, preprocessing, and leveraging datasets for successful ML solutions.

College-level Hackathon winner: Winner of a college-level hackathon, showcasing innovative problem-solving and teamwork skills in a competitive environment.

Professional Certifications

The Complete Python Bootcamp From Zero To Hero In Python: Completed 'The Complete Python Bootcamp' on Udemy, sharpening Python skills and problem-solving abilities for better project contributions.[Credentials]

Complete Machine Learning and Data Science Bootcamp 2023: Completed 'Complete ML & Data Science Bootcamp 2023', actively advancing skills in ML and data science to stay current and proficient in the field..[Credentials]

SOFT SKILLS

Problem-Solving Communication Interpersonal Teamwork