VISHW JOSHI

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EDUCATION

B.Tech in Artificial Intelligence and Data Science,A.D Patel Institute of Technology 2021-2025
CGPA: 7.72

12th(GSHSEB) : 80.00% 2021
10th(CBSE) : 84.00% 2019

SKILLS

Technical Skills Python, C++, Data Science, Flask, TensorFlow, Scikit-learn, Pandas, Numpy, Tableau, Matplotlib, MongoDB, SQL (basics), Git & GitHub, Probability, Statistics.

Soft Skills Analytical, Communication, Leadership, Management.

EXPERIENCES

Mooropan India Pvt. Ltd. Oct 2022 - May 2023
Core Team Member *Surat, Gujarat*

- This project involved creating an Android app (built with Flutter/Dart) to monitor cow health. The app communicates wirelessly with an Arduino microcontroller. By working with the startup's team, we ensured the app integrates with their existing systems and implemented features based on the team's needs to improve the app's functionality and user experience.

Defence Research & Development Organization (SAG) May 2024 - Present
Machine Learning Intern *Delhi, India*

- During my internship at the Defence Research and Development Organisation (DRDO), I worked on a project focusing on adversarial evasion attacks. I explored vulnerabilities in machine learning models, specifically targeting the robustness of deep neural networks against adversarial inputs. By developing sophisticated adversarial examples using gradient-based attacks and perturbation methods, I demonstrated significant weaknesses in various models.

PROJECTS

Abstractive Text Summarization Website. Developed a Flask and Python-powered website offering AI-driven text summarization for latest news/topics. Designed intuitive interface for real-time summaries. Employed web-scraping techniques to gather news, integrating an AI model for accurate, user-preference matching summaries. Explored Transformers Architecture, implementing BART Model for summarization.

ToxTracker. I created a system to identify harmful comments online! This program, built with Python's TensorFlow library, uses deep learning to analyze text and predict if a comment is toxic. In simpler terms, it learns the patterns of rude or offensive language to flag potentially negative comments.

Legalysis(Ongoing). Developed a user-friendly website leveraging Machine learning technique to analyze privacy concerns within Terms and Conditions. Users simply paste the Terms and Conditions text, and the ML engine identifies clauses related to data collection, usage, and sharing practices. The website then provides feedback on two key aspects: fairness (balance and user rights) and potential privacy risks (data selling, targeted advertising, or extended data retention). This empowers users to make informed decisions about their online privacy.

ACHIEVEMENTS

- Winner of Smart India Hackathon(National Level) which was organised by Government of India.
- Won 2nd Place at CVM University Hackathon 2022 (National level) which was organised by CVMU Anand.
- Selected for regional round in SSIP Hackathon 2022 which was organized by Government of Gujarat.