Dhirubhai Ambani
Institute of Information and Communication Technology

AKSHAT KADIA

B.Tech, Mathematics and Computing

EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)
CPI: 6.85
October-2022 – Present Gandhinagar, Gujarat

Class 12th Knowledge High School (GHSEB)
Percentage: 86.62%
2021 – 2022 Nadiad, Gujarat

Class 10th St.Anne's High School (GSEB)
Percentage: 90.17%
2019 – 2020 Nadiad, Gujarat

SKILLS

Area(s) of Interest : Artificial Intelligence and Machine Learning.

Programming Languages : C, C++, Python.

Tools and Technologies : VS code, Overleaf, Matlab, Jupyter Notebook, Google Colab, pgAdmin4, GitHub.

Technical Electives : DSA, OOPs, DBMS, Exploratory Data Analysis, Operating System.

POSITIONS OF RESPONSIBILITY

IEEE MTT-S Member

Successfully managed and organized various events conducted by the IEEE on our campus.
April 2022 – April-2024

Sports Committee

Created visually appealing graphics and promotional materials for all sports events, enhancing the visibility and appeal of the events. Managed the sports committee's Instagram account.Part of event organization team
April 2023 – April 2024

INTERESTS

- Traveling
- Sports
- Karate

EXPERIENCE

Rural Internship: KSMVS

December 2023

- Internships in rural areas like these are a great way to collect information about the problems in different rural areas across Gujarat. We help them make surveys, take interviews, and create reports highlighting issues that need attention.

PROJECTS

Amazon Fake Review Detection Site

January - February 2025

- Developed a machine learning pipeline to detect fake reviews using NLP techniques. Implemented text preprocessing methods, including cleaning, stemming, and lemmatization.
- Trained and evaluated Naïve Bayes, Support Vector Machine (SVM), and Logistic Regression classifiers, achieving an accuracy of 88% with SVM, 87% with Logistic Regression, and 85% with Naive Bayes Classifier.

Text Sentiment Analysis

January - March 2024

- Developed a sentiment analysis system using Naïve Bayes and Support Vector Machine (SVM) models. Implemented NLP techniques for text preprocessing (tokenization, stopword removal, stemming, and TF-IDF vectorization) to convert raw text into numerical features.
- Trained and evaluated models using an 80-20 train-test split, achieving 63% accuracy with Naïve Bayes and 71% accuracy with SVM.
- Future enhancements include LSTM-based deep learning models, hyperparameter tuning, and web API deployment.
- **Guide:** Teachnook

ACHIEVEMENTS

- Contribute an article on OESI: **A361153**
- Codefroces: **(Pupil) 1301** ID: Akshat_110
- CodeChef: **(2_Star) 1454** ID: akshat_110
- I'm a National-level champion in Karate. I represented Gujarat in the selection for the 2018 Commonwealth Games.