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ACADEMIC DETAILS

Examination	University/Board/School	Year	CPI/%
Under Graduation	Computer Science and Engineering Graphic Era Hill University	2022-present	8.8
Intermediate	CBSE BLM Academy,Haldwani	2022	83.5
High School	CBSE BLM Academy,Haldwani	2020	92.2

TECHNICAL SKILLS

- **Skills:** C,C++,Python,Basics of Machine Learning,Basic of Deep Learning,Tensorflow,MySQL
- **Operating System:** Windows,Linux
- **Software:** VSCode,GitHub,Canva,Figma

PROJECTS

- **Skin Cancer Classifier** (Machine Learning)
  (Developed in 2024)
  - A deep learning model capable of classifying skin cancer images with a 95% precision rate, leading to a reduction in false positives and improving patient trust in diagnostic procedures.
  - Using Deep Learning,various machine learning algorithms, CNN for feature extraction and XAI (LIME) to provide visual explanations.
- **Audio Sentiment Analysis project** (Deep Learning)
  (Developed in June 2025)
  - Built a deep learning model to recognize emotions from speech using audio processing techniques.
  - Extracted meaningful features from audio and trained a CNN model for emotion classification.
  - Deployed the project with a user-friendly Streamlit interface to allow real-time emotion detection.
- **Flickr Comments Clustering Tool** (Natural Language Processing)
  (Developed in May 2025)
  - Built a web-based NLP tool to cluster and analyze Flickr image comments using KMeans, DBSCAN, and Agglomerative Clustering.
  - Enabled CSV upload/manual input, applied preprocessing (lemmatization, stopword removal), and generated downloadable clustered results.
  - Adaptable for other text datasets like Amazon reviews or tweets to uncover comment themes and sentiment-based groupings.

RESEARCH AND PUBLICATIONS

- **Beyond the Swipe: Technologies for Detecting and Preventing Credit Card Fraud**
  (Accepted in ICACCM 2024)
  - Research project that provides an in-depth analysis of various fraud detection techniques.
    Under the guidance of Ms. Mukta Jukaria.

CERTIFICATIONS

- **Data Analysis with Python***(Coursera,May 2024)*
- **Deep Learning with Keras and Tensorflow***(Coursera,April 2025)*
- **Introduction to Natural Language Processing***(Infosys Springboard,December 2024)*
- **Google UX Design***(Coursera,April 2025)*

HOBBIES

- Drawing Mandalas and Doodling
- Playing online chess

ACHIEVEMENTS

- **Certificate of Appreciation***(For paper presentation at ICACCM-2024)*
- **Certificate of Appreciation***(For securing 2nd position in Science Exhibition held on Science Day 2024)*

EXTRA CURRICULAR ACTIVITIES

- Core member of TECHGEEKS Club (Technical Club of Graphic Era Hill University)
- Volunteered in ICACIS-2023

STRENGTHS

- Adaptability
- Collaborative