KAMALJEET SINGH

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EDUCATION

Bennett University, Greater Noida, Uttar Pradesh — Expected May 2027
-Bachelor of Technology in Computer Science and Engineering (CGPA : 9.0/10.00) — *Greater Noida*

DAV Public School, Bishrampur — 2021-22
-Senior Secondary Education (Class 12) - CBSE (Score: 89.2/100) — *Bishrampur, Chhattisgarh*

DAV Public School, Bishrampur — 2019-20
-Secondary Education (Class 10) - CBSE (Score: 89.4/100) — *Bishrampur, Chhattisgarh*

PROJECTS

FALL DETECTION AI SYSTEM | LINK

Designed and developed an intelligent fall detection system leveraging convolutional neural networks (CNN) to classify human posture from images. The system aims to enhance safety in environments like elderly care homes, hospitals, and smart surveillance setups by accurately identifying whether a person has fallen.
Technologies Used : ***• Python • TensorFlow • Keras • Flask • OpenCV • Telegram Bot API • HTML/CSS • NumPy • Pillow***

AI SIGN LANGUAGE DETECTOR | LINK

Developed an AI-powered sign language recognition system using Convolutional Neural Networks (CNN) to accurately classify hand gestures into their corresponding alphabets or words. The model was trained on a preprocessed image dataset and optimized for high accuracy and low latency, enabling real-time gesture recognition through live video input. The system is designed to improve communication accessibility for the hearing and speech impaired by translating visual signs into text dynamically.
Technologies Used : ***• Python • TensorFlow • Keras • Flask • OpenCV • NumPy • Pandas • Matplotlib • Pandas***

FAKE NEWS DETECTOR | LINK

Developed a machine learning model to classify news articles as real or fake using Logistic Regression. The system utilizes natural language processing techniques for feature extraction, including tokenization, stop-word removal, and TF-IDF vectorization. These preprocessing steps significantly improved the model's accuracy while minimizing the risk of overfitting, enabling reliable detection of misinformation based on article content.
Technologies Used : ***• Python • Scikit-learn • Pandas • NumPy NLTK • TF-IDF • Vectorizer • Jupyter • Notebook***

EXPERIENCE

VICE –PRESIDENT (DESIGN & MEDIA) : STUDENT COUNCIL, BENNETT UNIVERSITY — 2025-26

As the Vice President of the Student Council at Bennett University, I lead a dynamic team to organize and execute major student-led initiatives and cultural events, including the university's flagship fest Uphoria.

SUB – HEAD DESIGN : STUDENT COUNCIL, BENNETT UNIVERSITY — 2024-25

Spearheaded creative direction and visual communication for university-wide events, ensuring cohesive branding and impactful designs across digital and print media

HEAD ORGANISER : UPHORIA – ANNUAL CULTURAL FEAST, BENNETT UNIVERSITY — 2024-25

Led the end-to-end planning and execution of Uphoria, coordinating 100+ team members and managing logistics, promotion, and sponsorship to deliver a vibrant cultural experience for 5000+ attendees.

TECHNICAL SKILLS

Languages: *C++, Python, Java, JavaScript, HTML/CSS, SQL*
Frameworks: *React, Node.js, Git*
Developer Tools: *GitHub, VS Code*
Core Concepts: *Data Structures and Algorithms, Object Oriented Programming, Frontend, Web Dev, Machine Learning, Statistics and Applications, MongoDB*
Libraries: *Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, Keras, OpenCV, NLTK, Flask, Jupyter Notebook*
Graphics Designing: *Corel-Draw, Adobe Photoshop, Illustrator : Portfolio Link*
Video Editing: *Adobe Premiere Pro, Adobe After Effects*

CERTIFICATES

Deloitte Australia Data Analytics Job Simulation on Forage - June 2025
Improving Deep Neural Networks - DeepLearning.AI
Algorithmic Toolbox - UCSanDiego