KAJI SADMAN SAKIB

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📍 Thikana Bhaban, Post Office Lane, Maddha Badda, Dhaka

Education

B.Sc. in Computer Science and Engineering
BRAC University
CGPA: 3.52
2019 - 2024

Thesis

Comparative Analysis of Neural Network Models for Peripheral Blood Cell Image Classification
2023

Expertise

ReactJS	Deep Learning
Java	TensorFlow
Python	PyTorch
JavaScript	Algorithms
CSS	scikit-learn
HTML	Computer Vision
OpenCV	NLP

Languages

English

Bengali

👤 Profile

I am enthusiastic, reliable and determined. I have always been passionate about the concept of problem solving and by tackling numerous coding problems over several years I have acquired an exceptional ability to produce innovative solutions.

💼 Work History

2024

Machine Learning Intern
Prodigy InfoTech
October/2024 - December/2024

🖥 Coding

- 70+ problems solved on Codeforces.
- Silver Level in Java on HackerRank.

💼 Projects

2024

SVM Model

- The model classified images of cats and dogs.
- The images were processed and later classified by implementing an SVM model.

2024

Hand Gesture Detection and Classification

- Hand gestures, such as the 'peace' and 'rock and roll' signs are identified in real time from a live feed using a deep learning approach.
- This approach leverages computer vision frameworks, including TensorFlow and MediaPipe.

2024

Linear Regression Model

- Given the square footage, number of bedrooms and number of bathrooms the model predicts the price of a house.
- This model implements the Linear Regression algorithm.

2024

K-Means Clustering Model

- Customers were grouped as clusters based on their information.
- The elbow method was initially used to determine the optimal value of K.
- The K-Means Clustering algorithm was implemented.

2024

Snake Game

- An interesting and engaging one-player game.
- Created using VanillaJS.