Shaikh Asif Hossain

Kolkata, India | [LinkedIn](#) | +91 8585814954 | [hossainshaikhasif@gmail.com](#) | [GitHub](#)

Skills and Languages

Technical Skills: C, Python, Java, JavaScript, SQL, Django, Scikit-learn, TensorFlow, Keras, OpenCV, ReactJS, Tailwind CSS, NumPy, Pandas, Matplotlib, Yolov8

Language Proficiency: English (Fluent), Bengali (Native), German (A1), Hindi.

Education

Bachelors in Technology in Computer Science and Engineering   *Aug 2021 – Present*
Calcutta Institute of Engineering and Management   *CGPA: 8.63/10*
Under Maulana Abul Kalam Azad University of Technology (MAKAUT)

Relevant Courses: Machine Learning, Artificial Intelligence, Image Processing, Functional Programming, Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Computer Networks, Cybersecurity

Don Bosco School Park Circus
Board: ISC (12th) | Marks: 90.25% | Stream: Science   *June 2021*
Board: ICSE (10th) | Marks: 92.20%   *March 2019*

Internships

Volunteering Intern   **Oct 2023 - Nov 2023**
Kshitiksha Foundation

- Worked for the Welfare of Humanity, Wildlife, Animal Aid, Mental Illness, and Suicidal Prevention
- Fundraising/Social Work

Projects

1. **Brain Tumor Classification**   *(Major)*

   - Currently developing a machine learning model using Convolutional Neural Networks (CNN) to classify MRI images and detect the presence and location of brain tumors.
   - Building a web application using Django to host the model, enabling users to upload MRI images for real-time tumor classification and visualization.

2. **Potato Disease Classification**

   - Developed a CNN-based model for the classification of potato leaf diseases, achieving high accuracy in identifying early blight and late blight.
   - Deployed the model using FastAPI on AWS, providing farmers with real-time disease classification, achieving 90% accuracy and making it 85% more useful for effective crop management decisions.

Interests and Achievements

- Completed a German language course up to A1 Level at the Goethe Institute.
- Scored 2nd in a Coding Competition organised at college
- District Level Swimmer

Certifications

Neural Networks and Deep Learning (DeepLearning.AI), Introduction to Computer Vision and Image Processing (IBM), Convolutional Neural Network (DeepLearning.AI)