

MEHEDI HASAN NIROB



+8801736121659



mehedihasannirobcsediu@gmail.com



[mehedihasannirob0812](#)



Dhaka , Bangladesh



SUMMARY

I am an AI Engineer with professional experience at EraVend GmbH & Co. KG. I have worked on AI model development, data annotation, and machine learning projects using TensorFlow, OpenCV, and Python. My projects include chatbots, object detection, and predictive analytics, focusing on transforming AI research into real-world applications. I excel in data analysis, problem-solving, and collaborating with teams to deliver impactful AI solutions.

EDUCATION

DHAKA INTERNATIONAL UNIVERSITY

B.Sc in Computer Science and Engineering
GPA: 3.71 January 2020 – January 2024

SKILLS

- [Problem Solving](#) at [Codeforces](#), Hackerrank
- Python, C++, C, Dart
- Flask, FastAPI, HTML, CSS, SQL
- NumPy, Pandas, Matplotlib, Scikit learn, OpenCV, YOLO, Tensorflow LSTM, GRU, VGG, ResNet, MobileNet
- Linear/Logistic Regression, SVM, Random Forest, Decision tree, CNN

CERTIFICATIONS

- Introduction to [TensorFlow](#) for AI, ML, DL
- [CNN](#), [NLP](#) in Tensorflow from Coursera.
- Supervised [Machine learning](#) Certificate from Coursera.
- Face Detection with [OpenCV](#) in Python from Great Learning.
- [Problem-solving](#) with [python](#) from HackerRank

REFERENCE

Md. Habibullah Belali

Assistant Professor

Dept. of CSE, Southeast University

Phone: +8801718711254

Mail address: habibullah.belali@seu.edu.bd

PROFESSIONAL EXPERIENCE

Artificial Intelligence (AI) Engineer

EraVend GmbH & Co. KG. | June 2024 – Present | Remote

Coders- AI Training

Scale AI | Remote

CP Problem Annotator

Acade.Studio | Remote

THESIS PROJECT

Deep Learning based approach to detect violence [Github](#)

- Created a unique video dataset, which contains 1000 videos
- Used several Deep learning model.
- Developed an Flask application to automate this task.
- Reducing reliance on human monitoring. our system identifies violent incidents, sends alert emails with detected frames and also violence location, and significantly improves response times.

PROJECTS

- Object Detection Using pre-train model YOLO v8 [Github](#)
- Hand Digit Classification using Neural Network [Github](#)
- Simple dynamic chatbot using NLTK [Github](#)
- Age and Gender detection using OpenCV [Github](#)
- Human Resources Analytics using several machine learning algorithm [Github](#)
- Car insurance claim prediction using several machine learning algorithm [Github](#)
- Heart Disease prediction using Logistic Regression [Github](#)
- Diabetes disease prediction using SVM [Github](#)
- Loan status prediction using SVM [Github](#)
- Spam mail prediction using Logistic Regression [Github](#)
- Iris flower classification using logistic regression [Github](#)
- Here is my all python code includes OOP, DSA, Machine Learning Libraries and solved problem of Codeforces and Hacker rank [Github](#)

ONLINE JUDGE

1. [Github](#) 2. [Codeforces](#) 3. [Hacker Rank](#) 4. [LeetCode](#) 5. [Kaggle](#)