Md. Iftekhar Rahman Likhan

Nationality: Bangladeshi   **Gender:** Male   📞 **Phone number:** (+880) 1944565741

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in **LinkedIn:** https://www.linkedin.com/in/iftekharlikhan

⊙ **GitHub:** https://github.com/Likhan007

WORK EXPERIENCE

🏛 *Daffodil International University (DIU)*

Undergraduate Teaching Assistant

[01/02/2025 – 03/10/2025]

Professor Name: Dr. Md. Fokhray Hossain | **Professor Profile**: https://faculty.daffodilvarsity.edu.bd/profile/cse/ fokhray.html
   • **Provided academic support** for students taking "Computer Architecture & Organization".
   • **Assisted the professor** in preparing effective lecture and lab materials.
   • **Provided one-on-one help** to students who needed it.

EDUCATION AND TRAINING

BACHELOR OF SCIENCE (B.SC.) IN COMPUTER SCIENCE AND ENGINEERING

Daffodil International University (DIU) [01/09/2021 – 12/10/2025]

Website: https://daffodilvarsity.edu.bd/ | **Final grade:** 3.81 | **Level in EQF:** EQF level 6 | **Type of credits:** Bangladesh Credit System | **Number of credits:** 148

Thesis Title: A Smart Multi Plant Disease Detection Utilizing AI through Website and WhatsApp Chatbot
Thesis Supervisor: Dr. Md. Fokhray Hossain
Thesis Summary:
   • Trained and optimized CNN models on five distinct plant leaf datasets to select the top-performing architecture
   • Integrated the chosen models into a Flask web application for web-based diagnostics
   • Developed a custom API to link the models with a WhatsApp chatbot for ubiquitous, real-time results.

RESEARCH

1. A Smart Multi Plant Disease Detection Utilizing AI through Website and WhatsApp Chatbot

Md. Iftekhar Rahman Likhan, Sayone Dey, Dr. Md Fokhray Hossain, Zohir Rayhan and Shafin Ahmed, "A Smart Multi Plant Disease Detection Utilizing AI through Website and WhatsApp Chatbot", 8th International Conference on Recent Trends in Image Processing & Pattern Recognition [Springer CCIS Proceedings] [Scopus Indexed] [Accepted- In Publishing Queue]

2. Deep CNNs for Olive Leaf Disease Classification: A Performance Study

Md. Iftekhar Rahman Likhan, Sayone Dey, S.S. Khan, F.R. Aisharjo, MD. M. Rahman, A.A. Nafis, "Deep CNNs for Olive Leaf Disease Classification: A Performance Study", 6th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IEEE Xplore [Scopus Indexed] [Accepted- In Publishing Queue]

3. Explainable AI Driven Prediction for Betel Leaf Disease Classification using Grad-CAM

Sayone Dey, **Md. Iftekhar Rahman Likhan**, Zohir Rayhan, Shafin Ahmed and Dr. Md. Fokhray Hossain, "Explainable AI Driven Prediction for Betel Leaf Disease Classification using Grad-CAM", 8th International Conference on Recent Trends in Image Processing & Pattern Recognition [Springer CCIS Proceedings] [Scopus Indexed] [Accepted- In Publishing Queue]

HONOURS AND AWARDS

1. 1st Runners Up in Unlock the Algorithm Programming Contest, Spring 2023

2. Secured 13th rank out of the entire undergraduate batch (Fall 2021 session).

3. Merit Based Scholarship (45% Waiver of tuition fees based on CGPA)

PROJECTS

LexiWrite---A-Secured-Grammarly-Clone Secure AI-powered writing assistant that provides real-time grammar and style corrections while prioritizing data privacy through encrypted API integrations. [GIthub](#)

AI Driven Plant Disease Diagnostics WhatsApp Bot Flask-based medical bot using deep learning to identify diseases from uploaded WhatsApp images. [GIthub](#)

EXTRA CURRICULUM ACTIVITIES

1. Research and Publication Executive - DIU NLP & ML Research Lab, Daffodil International University

2. Member Development Coordinator - IEEE DIU SB Computer Society

3. Ambassador - International Congress on Artificial Intelligence (ICAI 2025)

4. Organizer of Crack Dataset-2024 Contest

5. Organizing member of the National Data Analytics Competition (NDAC-2025)

SKILLS

Technical Skills

- **Programming Languages:** Python, C, C++, PHP, JavaScript, Java
- **Markup and Frameworks**: HTML5, CSS, React, Vue, Tailwind, Flask
- **Databases and tools:** MySQL, MongoDB
- **Platforms**: N8N, WordPress, Canva, Microsoft Office, Google Workspace

Others

- **Languages**: Bengali(Native), English (**IELTS Overall Score: 7.0 || L: 8.5, R: 7.0, S: 6.5, W: 6.5**), Hindi(Conversational)
- **Soft Skills:** Communication, Leadership, Teamwork, Time Management, Patience

CERTIFICATIONS

1. Exploratory Data Analysis for Machine Learning

2. Python for Data Science, AI & Development

3. Thinking in Object-Oriented Programming

4. Introduction to MongoDB

5. Generative AI: Prompt Engineering

6. 21st Century Employability Skilling Program - Advanced

RECOMMENDATIONS

Dr. Md. Fokhray Hossain
Professor & Dean
Department of Computer Science and Engineering
Faculty of Science and Information Technology
Daffodil International University
Email: drfokhray@daffodilvarsity.edu.bd

Md. Sadekur Rahman
Assistant Professor,
Advisor of DIU NLP & ML Research Lab
Department of Computer Science and Engineering
Daffodil International University
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