

# Md. Iftekhar Rahman Likhan

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**Portfolio:** [likhan.me](https://likhan.me) | **LinkedIn:** [linkedin.com/in/iftekharlikhan](https://linkedin.com/in/iftekharlikhan) | **GitHub:** [github.com/Likhan007](https://github.com/Likhan007)

## Summary

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Computer Science & Engineering graduate (**CGPA 3.81/4.00**) skilled in programming, machine learning, and research. Experience includes **IT consulting** for 'Metalworks' and 'HS Apparel Sourcing Ltd', and working as a Teaching Assistant in 'Daffodil International University'. Proficient in web development, machine learning, automation (n8n), and cloud infrastructure, with a proven ability to simplify complex concepts, mentor students effectively, and build AI-driven solutions for real-world applications.

## Work Experience

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**IT Consultant** (Remote)— Metalworks (Oct 2024 - Present)

**Topics:** MERN/MEVN stack, WP Plugin Development, AWS architecture, scalable system design, MLOps

**Responsibilities:**

- Developing and maintaining websites, custom plugins, and automation workflows using n8n.
- Managing cloud infrastructure, including deployment, monitoring, and system maintenance.

**Undergraduate Teaching Assistant** — Daffodil International University (Feb 2025 - Oct 2025)

**Department:** CSE | **Professor Name:** Professor Dr. Md. Fokhray Hossain

**Courses:** Computer Architecture & Organization & E-Commerce.

**Responsibilities:**

- Facilitated classroom activities and supported student learning and engagement.
- Assisted with student queries and provided course-related guidance.

## Education

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- B.Sc. in Computer Science & Engineering — Daffodil International University | **CGPA: 3.81/4.00**
- HSC — Uttara High School & College | GPA: 5.00/5.00
- SSC — Uttara High School & College | GPA: 4.81/5.00

## Research and Publications

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- **“A Smart Multi Plant Disease Detection Utilizing AI through Website and WhatsApp Chatbot”** — Accepted at RTIP2R 2025, **Springer** CCIS Proceedings (1st Authored).
- **“Deep CNNs for Olive Leaf Disease Classification: A Performance Study”** — Presented at ICCCNT 2025, **IEEE** Explorer (1st Authored)
- **“Explainable AI Driven Prediction for Betel Leaf Disease Classification using Grad-CAM”** — Accepted at RTIP2R 2025, **Springer** CCIS Proceedings (2nd Authored).

## Honors and Awards

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- **1st Runners Up** at 'Unlock the Algorithm Programming Contest Spring-2023' — Organized by DIU CPC.
- Obtained **13th Position** in **CSE 60th Batch** of DIU.

## Extracurricular Activities

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### Research & Publication Executive — DIU NLP & ML Research Lab

- Engaged in research tasks—from data processing and model training to paper drafting.

### Member Development Coordinator — IEEE DIU SB Computer Society

- Drafted official notices, managed social media communication, promoted events, and ensured smooth coordination between members and committees.

### Proposal Team Leader — DIU NLP Lab and ML Research Lab

- Collaborated with faculty and peers on innovative project ideas and actively presented proposals and research work.

### Organizer of CD-2024 — Intra-University Contest on Crack Dataset

- Organized and Invigilated Crack Dataset-2024 hosted by DIU NLP & ML Research Lab.

### Organizing member — NDAC-2025 — National Data Analytics Competition-2025

- Acted as an Invigilator and Volunteer in this event hosted by DIU NLP & ML Research Lab.

## Certifications

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- AWS Cloud Practitioner (CLF-C02)
- Exploratory Data Analysis for Machine Learning
- Python for Data Science, AI & Development

- Thinking in Object-Oriented Programming
- Introduction to MongoDB
- 21st Century Employability Skilling Program - Advanced
- Generative AI: Prompt Engineering

## Skills

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### Technical Skills

- **Programming Languages:** Python, C, C++, PHP, JavaScript, Java
- **Markup and Frameworks:** HTML5, CSS, React, Vue, Tailwind, Flask
- **Databases and tools:** MySQL, MongoDB
- **Machine Learning & AI:** Machine Learning (ML), Deep Learning (DL), Data Preprocessing, Model Training & Evaluation, XAI
- **Platforms:** N8N, WordPress, AWS, 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

## References

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- **Professor Dr. Md. Fokhray Hossain**  
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- **Prof. Dr. Bimal Chandra Das**  
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