



# TASNIMUL INTAZAM ASIF

Machine Learning Engineer & Researcher

## Contact

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- [LinkedIn](#)
- [GitHub](#)
- [portfolio](#)

## Education

2022 May- 2026 April

**Bachelor of Computer Science and Engineering**

IUBAT - International University of Business Agriculture and Technology

**HSC[Science] Dhaka Board [GPA 5.00]**

Rajuk Uttara Model College  
2019

**SSC[Science] Dhaka Board [GPA 5.00]**

Milestone school and College  
2017

## Skills

- AI & Data: ML, DL, CV, EDA, Feature Eng., PCA, Scikit-Learn, Matplotlib, Seaborn, Pandas, NumPy, ViT, Yolo V8, II, OCR
- Programming: Python, C/C++, Java, C#,
- Tools: Git, Deployment, SQL, PHP, HTML/CSS
- MS Office Application (MS Word, MS Excel, MS PowerPoint)
- Database Management

## Language

Bangla (Native)  
English (Fluent)

## About Me

A motivated Computer Science and Engineering student at IUBAT, aspiring to become a Machine Learning Engineer and Researcher. Skilled in developing practical machine learning solutions for computer vision and healthcare applications, with a strong focus on reproducibility, interpretability, and robust MLOps practices.

## Selected Projects

**Social Media Addiction and Mental Health Predictor** Mental health status based on social media usage patterns, Review the recommendations provided based on your results

**Handwritten Letter Identification—Deep Learning (CNN)**-based handwriting recognition system

**Movie Genre Analysis** - provides insights into movie genres and ratings.

**Breast Cancer Classification** -classifying breast cancer (benign vs malignant) using classical ML models and an ensemble.

**CardioVascular Disease Risk Prediction** -classifying and a Flask-based web application for Cardiovascular Disease (CVD) Risk Assessment using machine learning.

**Hospital-Management-System- (HTML, CSS, PHP)** separate dashboards for patients, doctors, managers, and administrators, allowing users to book appointments, manage schedules, verify payments, handle medical records, and maintain secure communication.

**Grocery Shop Application(python,HTML, CSS, PHP)**-Grocery Shop Application is a simple full-stack web app for managing a small grocery store, built with an HTML/CSS/JavaScript + Bootstrap frontend and a Python Flask backend connected to a MySQL database. It supports CRUD operations on products (with units of measure) and lets users create and view customer orders through a clean dashboard-style UI.

**Airplane Management System (JAVA, MVC)** -designed to passenger registration, flight scheduling, ticket booking, journey management, and cancellations.

**Employee Management System (JAVA, MVC)**- provides a user-friendly interface for managing employee information, including adding, viewing, updating, and removing employee records.

## Soft Skills

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- Leadership,
- Project Management,
- Communication,
- Time Management,
- Collaboration

## Activities

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- Participant at BUBT Artificial Intelligence Conquest 2025 (BAIC 2025).
- Participant at the National Tech Carnival 3.0

## Interests

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- Watching movies,
- playing cricket
- spending quality time with family
- Travelling

## WORKING EXPERIENCE

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- Works at Programming Club at IUBAT IT Society
- Academic Mentor (C, Assembly, C++), IUBAT IT Society.
- Deputy Manager, Media And Publication Wing, IITS, at Department of Computer Science and Engineering
- Manager, Academic Wing, IITS at Department of Computer Science and Engineering

## Publications

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- An Ensemble Machine Learning Framework for Predicting Mental Health States in Addictive and Inappropriate Social Media Usage: Insights from Bangladesh (**Applied Intelligence and Informatics (AI 2025)**)
- Deep Learning-Based Classification of Ischemic Stroke Using Brain CT Scans (**IDAA-2025**).
- A Comparative Study of Transfer Learning Models for Cotton Plant Anomaly Identification with Explainable AI- (**RAAICON-2025**)

## Certifications

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- Python with Machine Learning - Enhancing Digital Government & Economy Project (Jul 2025)
- AI for Beginners - HP LIFE (Jan 2025)
- Digital Literacy- futurenation .
- Introduction to Artificial Intelligence-simplirun| skillup.
- Introduction to Data Analytics- simplirun| skillup
- Basic Python-Kaggle
- BBC-Ready to Work - Level B1 - 36h
- Introduction to Digital Marketing Fundamentals Course- simplirun| skillup
- Intro to Deep Learning- Kaggle
- Advanced SQL- Kaggle
- Computer vision-Kaggle

## References

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