# SURAIYA MAHMUDA

@ suraiya2001mahmuda@gmail.com  ☎ 01855185051  ⚲ Savar, Dhaka, Bangladesh
🌐 Portfolio/SuraiyaMahmuda  ⌨ gitHub/SuraiyaMahmuda  in linkedin/SuraiyaMahmuda

## ABOUT ME

I bring a strong academic background, a passion for teaching, and active research engagement, along with practical experience and modern teaching methods. I'm committed to fostering critical thinking, ethical learning, and contributing to both student success and institutional growth.

## MAJOR PROJECTS

### Bird-Classification (March 2025)
- Bird Classification is a deep learning project that identifies bird species from images using transfer learning and PyTorch. It achieves high accuracy by training on a curated bird image dataset.
- Tools: Python, PyTorch, libraries(matplotlib, scikit-learn, pandas, numpy, Pillow etc).

### TutorFinderApp (December 2024)
- TutorFinderApp is a mobile platform that connects parents/students with tutors, offering job posting, applications, messaging, and tracking features.
- Tools:Java(Android), Firebase Authentication, Realtime Database.

### Ju-Exam-Office-Management-System (November 2024)
- JU Exam Office Management System is a full-stack, web-based platform developed to streamline and digitize exam-related operations at Jahangirnagar University. It centralizes tasks like exam scheduling, student registration, result publication, and certificate issuance, aiming to enhance efficiency, accuracy, and transparency.
- Tools: Python, Django, PyTest, Sphinx, Git, GitHub.

### Matrimony-Biye-Shaadi (January 2024)
- The Matrimony-Biye-Shaadi project is a full-stack web app that enables secure, culturally relevant matchmaking through profile management, partner search, communication, and admin controls.
- Tools: HTML, CSS, JavaScript, Node.js and Python.

## RESEARCH PROJECT

**Bangla Misinformation Detection of Campus News(Jahangirnagar University) and Forensics Profiling of Campus Correspondent and other E-newspapers.**
Tools: **NLP, BanglaBERT and LLM.**
Obtained Accuracy: **89%**

## SKILLS

**Languages:** Python, Java, C, C++, JavaScript, HTML, CSS, SQL

------

**Frameworks:** Nodejs, Django, Android(Java), Bootstrap

------

**Tools:** Git, GitHub, CI/CD(CircleCI), Firebase, Jupyter

------

**ML/NLP Tools:** Scikit-learn, TensorFlow, BanglaBERT, Pandas

------

**Research Interests:** Cyber Security, Machine Learning, NLP

## EDUCATION

**B.Sc in Computer Science and Engineering,**
**CGPA: 3.78/4.00**
Jahangirnagar University, Savar, Dhaka
March 2020 - May 2025

------

**HSC-Science, 2019, GPA: 5.00**
Govt. Pioneer Girls College, Khulna

------

**SSC-Science, 2017, GPA: 5.00**
Bishnupur Hamidpur Secondary School, Narail

## REFEREES

**Abu Sayed Md. Mostafizur Rahaman**
Professor, JU
Phone: 01927129603
Email: asmmr@juniv.edu

------

**Bulbul Ahammad**
Assistant Professor, JU
Phone: 01791132305
Email: bulbul@juniv.edu