

SURAIYA MAHMUDA

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CAREER OBJECTIVE

I have completed my Bachelor of Science (BSc) in Computer Science and Engineering (CSE) from Jahangirnagar University with a CGPA of 3.81 (out of 4.00), and I aspire to begin my career as a university faculty member. With strong academic foundations and a keen interest in teaching and research, I aim to contribute to academic excellence and student development. My research interests include Cybersecurity, Deep Learning, and Natural Language Processing (NLP). I am committed to fostering critical thinking, promoting ethical learning, and contributing meaningfully to both student success and institutional growth.

EDUCATIONAL QUALIFICATION

B.Sc. in Computer Science and Engineering (2020–2025)

University: Jahangirnagar University

Result: CGPA 3.81 out of 4.00

Higher Secondary Certificate (HSC) in Science

College: Government Pioneer Girls College, Khulna

Board: Jashore

Passing Year: 2019

Result: GPA 5.00 out of 5.00

Secondary School Certificate (SSC) in Science

School: Bishnupur Hamidpur Secondary School, Kalia, Narail

Board: Jashore

Passing Year: 2017

Result: GPA 5.00 out of 5.00

PERSONAL DETAILS

Father's Name : Harunur Rashid

Mother's Name : Akhiran Begum

Date of Birth : 20 October 2001

Home District : Narail

Blood Group : B(+ve)

Marital Status : Unmarried

National ID No : 8261954336

Religion : Islam

Present Address : Savar, Dhaka.

Permanent Address : Bhombag, Madhobpasha (7521), Kalia, Narail

MAJOR PROJECTS

Bird-Classification (March 2025)

- **Bird Classification** is a deep learning-based image classification project that identifies bird species from photographs. The model leverages powerful transfer learning techniques and a PyTorch backend to achieve high classification accuracy almost **92%** on a curated bird dataset.
- **Tools Used:** Python, PyTorch, libraries(matplotlib, scikit-learn, pandas, numpy, Pillow etc), Jupyter Notebook.

TutorFinderApp (December 2024)

- **TutorFinderApp** is a mobile platform designed to seamlessly connect tutors and parents/students. It allows parents to post tutoring requirements and lets tutors browse and apply for jobs. The app also supports secure in-app messaging, ratings, and application tracking.
- **Tools Used:**Java(Android), Firebase (Authentication, Realtime Database, Cloud Messaging).

JU Exam Office Management System (November 2024)

- **JU Exam Office Management System** is a full-stack, web-based platform tailored for Jahangirnagar University's examination office. It digitizes exam-related operations such as exam scheduling, student registration, script handling, result publication, and certificate issuance while offering a student portal. It's a full-stack solution that demonstrates solid software engineering principles, teamwork, and clear impact.
- **Tools Used:** Python, Django Frameworks, PyTest for Unit Testing, Sphinx for Documentation, Git, GitHub.

Matrimony Biye Shaadi Website (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 Used:** HTML, CSS, JavaScript, Node.js and Python.

RESEARCH INTEREST

Cyber Security
Machine Learning
Deep Learning
Natural Language Processing

RESEARCH PROJECT

Bangla Disinformation Detection of Campus News(Jahangirnagar University) and Forensics Profiling of Campus Correspondent and other E-newspapers (July 2025)

This research project focuses on combating disinformation in campus-based Bangla news by developing a sophisticated detection and journalist profiling system. Utilizing advanced Natural Language Processing (NLP) techniques, the project fine-tunes BanglaBERT, a Large Language Model (LLM - LLaMA) pre-trained for the Bangla language, to accurately classify news content as authentic or false, achieving an accuracy of 92%. Evaluated performance using accuracy, precision, recall, and F1-score. A key outcome of this research is the creation of a dynamic framework for profiling and ranking journalists and their e-news portals based on the authenticity of their reporting. This ranking system, updated semi-annually, promotes journalistic integrity and ethical reporting. The project's findings contribute to a more trustworthy media environment, with the potential for broader application in the overall journalism landscape.

LANGUAGES PROFICIENCY

English- Full professional proficiency
Bengali- Native language

TECHNICAL SKILLS

Programming Languages: Python, C, C++, Java, HTML, CSS, JavaScript, MySQL

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

Tools: Git, GitHub, CI/CD(CircleCI), Firebase, Jupyter, LaTeX, MS Office, MS Excel

ML/NLP Tools: OpenCV, Matplotlib, Pandas, Scikit-learn, Pytorch

REFERENCES

Md. Golam Moazzam

Professor

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Phone: 01922-230643

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Relation: Teacher

Bulbul Ahammad

Assistant Professor

Department of Computer Science and Engineering

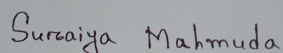
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Relation: Teacher

Sincerely,



Suraiya Mahmuda