

Md. Abu Sayem

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TEACHING EXPERIENCE

Lecturer

Jan 2025 - present

Department of Computer Science and Engineering
University Of Aisa Pacific (UAP)
Green Road, Dhaka - 1205, Bangladesh

Lecturer

Oct 2024 - Jan 2025

Department of Computer Science and Engineering
Bangladesh University of Business and Technology (BUBT)
Mirpur-2, Dhaka, Bangladesh

EDUCATION

MSc in Computer Science and Engineering (ongoing)

2026 - present

Shahjalal University of Science and Technology, Sylhet

B.Sc(Engg.) in Computer Science and Engineering

2019 - 2024

Shahjalal University of Science and Technology, Sylhet
CGPA : **3.80** with distinction (out of 4.00)
Position: **9th** (out of 101)

HSC in Science

2016 - 2018

Notre Dame College, Dhaka
GPA : **5.00** out of 5.00

SSC in Science

2015 - 2016

Banani Bidyaniketan School and College, Banani, Dhaka
GPA : **5.00** out of 5.00

RESEARCH INTERESET

Natural Language Processing Machine Learning Deep Learning

RESEARCH WORKS

Bangla Protest News Categorization Using Deep Learning

M. Mosleh, **M. A. Sayem**, M. Shahidur Rahman and M. S. Islam, "Bangla Protest News Categorization

Using Deep Learning,” 2023 26th International Conference on Computer and Information Technology (IC-CIT), Cox’s Bazar, Bangladesh, 2023, pp. 1-6, doi: 10.1109/ICCIT60459.2023.10441451.

A Deep Neural Network Based Bangla Stemmer With Newly Annotated Dataset (ongoing)

Established the most extensive annotated corpus for Bangla Stemming and developed an innovative neural network-powered stemmer for the Bangla Language, outperforming existing rule-based stemmers in terms of performance.

PROJECTS

Data Annotaion Software for Bangla Stemming (*NodeJs, MongoDB, Express, Ejs*)

A paid research project under Sust Research Center (2022-23) for data annotation; deployed at web.

Root Predictor For Bangla Words (*Html, Css, Python, Flask, Docker*)

Built a website that can identify the stem of any given Bangla word using deep learning model (LSTM).

Online Course Management System (*JSP, Servlet, MySQL*)

Developed an online course management system enabling administrators to allocate courses, with students enrolling in selected courses and teachers accessing relevant course and students’ information.

TECHNOLOGIES

Languages	C/C++, Python, Java, HTML, CSS, JavaScript
Frameworks	NodeJS, ExpressJS
Toools and Database	Git, Github, MySQL, MongoDB, Docker, Latex

ACHIEVEMENTS

- Education Board Scholarship in Junior School Certificate
Dhaka Education Board
- Education Board Scholarship in Secondary School Certificate
Dhaka Education Board
- Education Board Scholarship in Higher Secondary School Certificate
Dhaka Education Board
- University Scholarship in 2nd and 3rd year examination at
Shahjalal University of Science and Technology, Sylhet

REFERENCES

Mohammad Shahidur Rahman, PhD

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Department of Computer Science and Engineering
Shahjalal University of Science and Technology
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Dr Mohammad Reza Selim

Professor
Department of Computer Science and Engineering
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