Atikur Rahman

✉ khandakeratik43@gmail.com   in Atikur Rahman

🌐 Atikur Rahman   ⚙ Atikur Rahman   📞 +8801630633073

Objective

As a passionate and proactive Computer Science and Engineering student, I am eager to apply my development skills in innovative, collaborative environments. I aim to make meaningful contributions to dynamic teams across diverse sectors, including technology, finance, and research.

Education

2020 – 2024	**B.Sc. in CSE BRAC University** Dhaka, Bangladesh CGPA: 3.07 Thesis: *Enhancing Infrastructure Detection Using Drone Imagery: A Comparative Analysis Using Machine Learning Models with a Custom Bangladesh-Based Dataset for Improved Urban Planning*
2017 – 2019	**HSC Roypura College** Roypura, Narsingdi
2012– 2017	**SSC Seraj Nagar M.A Pilot Model High School** Roypura, Narsingdi

Skills & Expertise

Programming Languages	Python, JavaScript, HTML, CSS, C
Frameworks & Libraries	Laravel
Machine Learning & AI Tools	Scikit-learn, TensorFlow, PyTorch
Version Control & Collaboration	Git, GitHub,GitLab
Web Development	HTML, CSS, JavaScript
Database	MySQL, MariaDB
Concepts	SDLC (Software Development Life Cycle), OOP
Document Preparation Tools	LaTeX, Microsoft Office (Word, Excel, PowerPoint)
Soft Skills:	Leadership, Communication, Problem-solving, Critical Thinking, Teamwork, Time Management, Public Speaking
Languages	Bangla (Native), English (Fluent), Hindi, Basic Chinese

Research and Projects

Enhance Urban Planning with ML	Enhancing Urban Planning in Bangladesh with 3D Mapping and Infrastructure Detection using Drone Imagery
Hate Speech Detection	CNN-based Approaches for Contextual Hate Speech Detection with Twitter Data
School Management System	Advanced School and Bookshop Management System
Computer Interfacing	Advanced Fire and Smoke Detection System
Password Generator	Random Password Generator
Portfolio Website	Personal Portfolio Website
Stroke Prediction AI	ForeSight: Harnessing AI for Stroke Prediction

Extracurricular Activities

BRAC University Entrepreneurship Development Forum (BUEDF)
Senior Executive of IT
Contributed to organizing IT-related events and managing technical operations.
Duration: March 2022 - November 2023

BRAC University Robotics Club (ROBU)
Apprentice of Finance and Management Department
Engaged in various robotics projects, managing financial and administrative responsibilities.
Duration: March 2022 - July 2023

BRAC University Computer Club (BUCC)
Member of Event Management
Actively participated in club activities, contributing to event planning and technical projects.
Duration: October 2021 - December 2023

Certification

Digital Literacy Course for Youth Digital Literacy Center by Bangladesh Government

Build a Full Website using WordPress Platform: Coursera

References

Dr. Md. Khalilur Rahman
Professor, CSE Department
BRAC University, Dhaka
khalilur@bracu.ac.bd
+880 1752042223

Iqbal Hossain
Senior Lecturer, CSE Department
BRAC University, Dhaka
iqbal.hossain@bracu.ac.bd
+880 1712025538