

# Atikur Rahman

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in atikur-rahman1

🌐 Portfolio

🔗 Khandaker-Atik

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## 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, Flask
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

## Projects

<b>Enhance Urban Planning with ML</b>	Enhancing Urban Planning in Bangladesh with 3D Mapping and Infrastructure Detection using Drone Imagery. [  ]
<b>Twitter Hate Speech Detection</b>	CNN-based Approaches for Contextual Hate Speech Detection with Twitter Data.
<b>School Management System</b>	Advanced School and Bookshop Management System. [  ]
<b>Computer Interfacing</b>	Advanced Fire and Smoke Detection System. [  ]
<b>Password Generator</b>	Advanced Random Password Generator. [  ]
<b>Picture Resizer Web App</b>	Built with Python Flask and deployed on Vercel. [  ]
<b>Stroke Prediction AI</b>	ForeSight: Harnessing AI for Stroke Prediction. [  ]

## Extracurricular Activities

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- **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

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- **Digital Literacy Course for Youth** Digital Literacy Center by Bangladesh Government
- **Build a Full Website using WordPress** Platform: Coursera

## References

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### Dr. Md. Khalilur Rahman

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### Dr. Muhammad Iqbal Hossain

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