



A.K.M. Atiqur Rahman

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| [in](#) LinkedIn | [G](#) Github | [P](#) Portfolio |

🎓 Objective

Aspiring to join the vibrant realm of Computer Science and Engineering, I am eager to apply my proficiency in development, programming languages, and project management to tackle real-world challenges. Committed to continuous learning and innovation, I aim to contribute my skills and enthusiasm to drive technological advancements and create meaningful solutions in the field. Ready to bring enthusiasm, creativity, and a can-do attitude to any team!

🎓 Educational Background

Bachelor of Science in Computer Science and Engineering

🏫 Green University of Bangladesh (GUB)

📅 Year: 2020 – 2024 ★ GPA: 3.92 out of 4.00 (Batch Ranked: 1st)

Higher Secondary Certificate (H.S.C.)

🏫 St. Gregory's High School and College (SGHSC)

🏫 Group: Science 📅 Year: 2017 – 2019

Secondary School Certificate (S.S.C.)

🏫 K.K. Govt. Institution, Munshiganj (KKGI)

🏫 Group: Science 📅 Year: 2015 – 2017

🎓 Experience

ML Engineer Intern

May 2024 – August 2024

Robo Tech Valley

- ▶ Gained hands-on experience in developing and optimizing ML models, focusing on data preprocessing, image processing, and real-time system implementation for navigation and face recognition.

Student Mentor & Advisor

July 2022 – July 2024

Dept. of CSE, Green University of Bangladesh (GUB)

- ▶ Mentored more than 500+ students and led a team of student mentors, providing guidance and support to foster the mentorship program.

Front-End Developer & Graphics Designer

September 2021 – May 2022

ARTAND Pictures

- ▶ Developed and optimized web pages using HTML, CSS, and JavaScript.
- ▶ Collaborated with designers to implement responsive designs.
- ▶ Integrated third-party APIs for enhanced website functionality.

Skills

Front-End Technologies	HTML, CSS, JavaScript, React
Back-End Technologies	PHP, MySQL
UI/UX Design	Figma, Adobe XD
Version Control	Git, GitHub
Responsive Design	Bootstrap
Programming Languages	C, C++, Java, Python, Bash, LaTeX
Networking	Cisco Packet Tracer, Socket Programming
Writing & Visual Tools	Microsoft Word, Microsoft Excel, MS Powerpoint, MS Visio, Canva, Draw.io, LucidChart
Extra Skills	Autocad, AI tools operate, Professional Data Entry

Language Skills

- ▶ **Bengali:** Proficient
- ▶ **English:** Intermediate
- ▶ **Hindi:** Beginner
- ▶ **Urdu:** Beginner

Strengths

- ▶ **Adaptability:** Excellent
- ▶ **Communication:** Strong
- ▶ **Problem-Solving:** High
- ▶ **Teamwork:** Collaborative
- ▶ **Leadership:** Inspirational

Area of Interest








- ▶ Machine Learning
- ▶ Networking
- ▶ Web Development
- ▶ Software Development
- ▶ Data Science
- ▶ Algorithm Optimization

Thesis

- ▶ **Title:** Age of Information and Energy Aware Multi-UAV Assisted Efficient Data Collection in Sensor Networks
Co-Supervisor: Mr. Palash Roy, Lecturer & Program Coordinator, Dept. of CSE, Green University of Bangladesh
Supervisor: Prof. Dr. Md. Abdur Razzaque, Chairperson, Dept. of CSE, University of Dhaka
Achievements:
Runner-up in "Idea Showcasing" at CSE Carnival GUB 2024
Top Finalist in "Poster Presentation" at CSE Carnival BUET 2024

Projects



Web Programming Based Projects | Front-End & Back-End Technologies

- ▶ **Travels with NHS** — Developed a travel website for NHS with interactive features and responsive design.
 GitHub: <https://github.com/Prangon17/Web-Programming-Projects>
- ▶ **Messenger Chat Application** — Created a real-time chat application with front-end and back-end functionalities.
 GitHub: <https://github.com/Prangon17/Web-Programming-Projects>
- ▶ **Cipher Analysis** — Implemented algorithms for analyzing and decoding ciphers.
 GitHub: <https://github.com/Prangon17/Cyber-Security-Project>
- ▶ **Teachers Photo Gallery** — Developed a photo gallery application for teachers to organize and share images.
 GitHub: <https://github.com/Prangon17/Web-Programming-Projects>
- ▶ **Self Portfolio Website** — Designed and built a personal portfolio website showcasing skills and projects.
 GitHub: <https://github.com/Prangon17/Web-Programming-Projects>
- ▶ **Binary Calculator Web-based** — Built a web-based binary calculator with interactive functionalities.
 GitHub: <https://github.com/Prangon17/Web-Programming-Projects>
- ▶ **CV Web-based** — Designed and developed a web-based CV template for easy customization.
 GitHub: <https://github.com/Prangon17/Web-Programming-Projects>



Artificial Intelligence Project | Android Studio

- ▶ **Animal Image Detection App** — Developed an Android app for detecting and classifying animal images.
 GitHub: <https://github.com/Prangon17/AI-Project>


Machine Learning and Data Mining Project | Python

- ▶ **Comparative Analysis in ML** — Conducted a comparative analysis of different classification techniques in ML.
 GitHub: <https://github.com/Prangon17/Machine-Learning-Project>
- ▶ **Predicting Online Food Ordering** — Utilized machine learning algorithms to predict online food ordering behavior.
 GitHub: <https://github.com/Prangon17/Data-Mining-Project>



>_ Operating System Projects | Shell

- ▶ **File Controlling System** — Developed a shell-based system for controlling and managing files.
 GitHub: <https://github.com/Prangon17/Operating-System-Project>
- ▶ **ATM Management System** — Created an ATM management system using shell scripting.
 GitHub: <https://github.com/Prangon17/Operating-System-Project>

Algorithm Project | C++, Backtracking

- ▶ **The Knight Travels** — Implemented backtracking algorithm in C++ to solve the Knight's Tour problem, simulating the movement of a knight on a chessboard.
 GitHub: <https://github.com/Prangon17/Algorithm-Project>

Networking projects | Java, Socket Programming & Cisco

- ▶ **Messenger Chat App** — Implemented a messenger chat application with networking and socket programming.
 GitHub: <https://github.com/Prangon17/Networking-project>
- ▶ **Intra-country Bank Networking System** — Developed an intra-country bank networking system using Cisco Packet Tracer.
 GitHub: <https://github.com/Prangon17/Networking-project>



Extracurricular Activities

- ▶ Treasurer at IEEE GUB Student Branch | 2023-24
- ▶ Worked as a Dedicated Volunteer at the 5th International Conference of Sustainable Technologies for Industry 2023 Organized by IEEE, Green University of Bangladesh
- ▶ Worked as a Dedicated Volunteer at IDPC 2023 Organized by Green University of Bangladesh
- ▶ Worked as a Dedicated Volunteer at ICPC 2022 Asia Dhaka Regional Organized by Green University of Bangladesh
- ▶ Participated in GUB Intra Department Programming Contest 2021.
- ▶ Successfully organized several events from IEEE GUB Student Branch and Mentorship program.

Awards & Achievements

- ▶ Received 7 VC & 3 Dean Awards for Outstanding Academic Performance.
- ▶ Received Certificate of Appreciation for remarkable contribution as a Student Mentor & Treasurer of IEEE.
- ▶ Received Certificate of Appreciation for dedication as volunteer for STI 5.0 & IDPC 2023.
- ▶ Received Certificate of Professional Data Entry Specialist.
- ▶ Received Certificate of Appreciation for Idea Showcasing 1st Runner-up at GUB CSE Carnival 2024.

References

- ▶ **Prof. Dr. Md Abdur Razzaque**
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- ▶ **Mr. Palash Roy**
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