

# Md. Robiul Islam

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## Professional Summary

Final-year Computer Science and Engineering student seeking an internship/job opportunity in software development, web technologies, Cybersecurity, or AI/data-driven environments. Eager to apply programming, problem-solving, and analytical skills, gain hands-on industry experience, and contribute to innovative IT solutions.

## Work Experience

### Student Mentor

2025-06 - 2026-01

Department of CSE & ADS, Green University of Bangladesh,  
Purbachal, Rupgonj Naroyangonj

- Mentored **200+ junior students** in academic planning, skill development, and personal growth.
- Promoted use of university resources and **active campus involvement** to support a **positive learning environment**.

### Social Media Manager Intern

2024-06 - 2025-12

Center of Excellence for Teaching and Learning, Green University of Bangladesh,  
Purbachal, Rupgonj, Narayanganj

- Managed official social media accounts with consistent **Branding**, using **Analytics** to improve **Digital Marketing**.
- Supported **Campaign Management** by coordinating academic promotions, workshops, and CETL initiatives.

### Transport Associate

2025-02 - 2025-07

Transport Office, Green University of Bangladesh,  
Purbachal, Rupgonj, Naroyangonj

- Assisted with **transport scheduling** and operational coordination to improve service efficiency.
- Maintained **transport system user logs** and supported issue resolution to enhance overall operations.

## Projects

### BuildMyCV - AI-Powered CV Builder

 [View Project](#)

- Built a **WYSIWYG rich text editor** with full formatting support and **real-time preview with PDF export**.
- Implemented **ATS score analysis** for resume optimization with **dual-layer auto-save** (localStorage + MongoDB).
- Designed a **responsive UI** with **drag-and-drop section reordering** and **social media integration** (LinkedIn, GitHub).
- Technologies:** NextJS, React, TypeScript, Tailwind CSS, MongoDB, Prisma ORM, Zustand (State Management), ReactQuill (Rich Text Editor), html2pdf.js & jsPD

### VulneraAI

 [View Project](#)

- Developed an AI-powered vulnerability detection system accepting **domain, subdomain, or IP inputs**.
- Integrated **Python automation** with terminal-based security tools and **AI/ML techniques** for **automated scanning**.
- Generated **actionable security findings** and **remediation recommendations** as a polished academic and practical cybersecurity project.
- Technologies:** Python, Linux (Kali Linux), Terminal-Based Security Tools (Nmap, Nikto, Subfinder), Machine Learning (Scikit-learn basic), REST APIs, Web Technologies (HTML, CSS, JavaScript), Git, JSON, Automation Scripting

### Network Anomaly Detection Using Ensemble Machine Learning Methods

 [View Project](#)

- Implemented an unsupervised ensemble-based intrusion detection system using **Isolation Forest, LOF, and Autoencoders** on the **NSL-KDD dataset**.
- Conducted feature engineering, dimensionality reduction (PCA, t-SNE), and performance evaluation using standard ML metrics.
- Technologies:** Python, Scikit-learn, TensorFlow/Keras, Unsupervised Learning, Ensemble Methods, NSL-KDD, PCA, t-SNE, Cybersecurity

## Skills

**Programming Languages:** Python, JavaScript, C, C++, Java, PHP, Shell, TypeScript  
**Web Technologies:** HTML5, CSS3, JavaScript (AJAX, JSON), React, Laravel, Node.js, Express.js, REST API  
**Databases:** MySQL, MongoDB, SQL, SQLite  
**AI/ML:** Scikit-learn, Pandas, NumPy, Data Preprocessing, Model Evaluation, Ensemble Techniques  
**Tools:** GitHub, Git, Vercel, Vs Code, NeatBeans, Cisco, MATLAB  
**Operating System:** Windows, Kali Linux, Ubuntu, Parrot OS  
**Miscellaneous:** Microsoft Office Applications, Canva, AutoCAD, Meta Ads, Google Ads

## Education

Bachelor's in Computer Science and Engineering 2022-06 - Present  
*Green University of Bangladesh*  
CGPA: 3.73/4.00

## Volunteering

Vice Chair 2025-11 - Present  
*GUCC Cyber Security Society (GUCC CSS), Green University of Bangladesh,*  
*Purbachal, Rupgonj, Narayanganj*

- Provided **Leadership** and **Team Coordination** in managing core activities of a university-level cybersecurity society.
- Organized **Technical Workshops** and **Event Management** initiatives to drive **Cybersecurity Awareness**, member engagement, and strong **Organizational Skills**.

Cadet LCPL 2024-10 - Present  
*Bangladesh National Cadet Corps (BNCC), Green University Platoon*

- Participated in **discipline, leadership, and physical training** programs under **BNCC**.
- Engaged in **community service, social awareness, and national events**, developing **teamwork, resilience, and civic responsibility**

Galactic Local Volunteer 2024-10 - 2024-10  
*Bangladesh Association of Software and Information Services*

- Supported **event coordination** and **participant management** during a global hackathon
- Assisted teams with **registration, logistics, and technical support**, promoting **innovation** and **collaboration** using NASA's open data.

Organizing Secretary 2017-02 - 2022-11  
*Taronno Foundation - Work for Humanity,*  
*Ahmedpur, Baroigrom, Natore*

- **Led** team to organize free medical camps, managing **500+ blood donors** per area and coordinating **100+ volunteers** across **15+ events**.
- **Raised 50+ lakh BDT** in funding to support organizational initiatives and operations.

## Certifications

Information Security Fundamentals, Udemy	<a href="#">View Credential</a>
Ethical Hacking: Linux Privilege, Udemy	<a href="#">View Credential</a>
ChatGPT Mastery: From Creative Writing to Coding Solutions, Udemy	<a href="#">View Credential</a>
Advanced Digital Marketing Course Level-1,2 (Online), ABCLIT	<a href="#">View Credential</a>
Cybersecurity for Professionals, Byte Capsule	<a href="#">View Credential</a>
Web Pentesting Essentials, Udemy	<a href="#">View Credential</a>
Cyber Security Fundamentals, Udemy	<a href="#">View Credential</a>
Introduction to Cybersecurity, Cisco	<a href="#">View Credential</a>
Git Training, Skillup by Simplilearn	<a href="#">View Credential</a>