

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 Narayanganj

- 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, Narayanganj

- 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 & jsPDF

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*

[View Credential](#)

Ethical Hacking: Linux Privilege, *Udemy*

[View Credential](#)

ChatGPT Mastery: From Creative Writing to Coding Solutions, *Udemy*

[View Credential](#)

Advanced Digital Marketing Course Level-1,2 (Online), *ABCLIT*

[View Credential](#)

Cybersecurity for Professionals, *Byte Capsule*

[View Credential](#)

Web Pentesting Essentials, *Udemy*

[View Credential](#)

Cyber Security Fundamentals, *Udemy*

[View Credential](#)

Introduction to Cybersecurity, *Cisco*

[View Credential](#)

Git Training, *Skillup by Simplilearn*

[View Credential](#)