



## MD. BODRUL ISLAM

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### ABOUT ME

As a fresh BSc graduate in Computer Science and Engineering, I am keen to utilize my technical knowledge and skills to excel in my professional pursuits. I am an aspiring student looking to engage in research related to the Internet of Things (IoT) and Cybersecurity.

### EDUCATION AND TRAINING

#### BSc in Engineering

**Dhaka University** [ 03/02/2019 – 13/05/2024 ]

City: Dhaka | Country: Bangladesh | Website: <https://www.du.ac.bd> | Field(s) of study: Computer Science and Engineering  
| Final grade: CGPA: 3.70/4.00 | Thesis: "Modified Advanced Encryption Standard Algorithm For Resource-Constrained IoT Devices"

#### Higher Secondary Certificate (HSC)

**Sylhet Govt. MC College** [ 05/06/2016 – 03/07/2018 ]

City: Sylhet | Country: Bangladesh | Website: <https://mccollege.edu.bd/> | Field(s) of study: Science | Final grade: GPA: 4.08/5.00

#### Secondary School Certificate (SSC)

**Shaheed Smrity Tukur Bazer High School and College** [ 02/01/2011 – 02/02/2016 ]

City: Sylhet | Country: Bangladesh | Website: [www.sstbhsc.edu.bd](http://www.sstbhsc.edu.bd) | Field(s) of study: Science | Final grade: GPA: 5.00/5.00

### LANGUAGE SKILLS

**Mother tongue(s):** Bengali

**Other language(s):**

English

LISTENING C1 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

### DIGITAL SKILLS

C / C++ / Python / JavaScript / HTML5, CSS3 & Bootstrap 4 / MySQL / Git & Github / Microsoft 365 & Microsoft Office: (Word, Excel, PowerPoint, Access) / Google Suite (Doc, Slides, Form, Sheet, Drive) / Operating System: Windows & Linux

### PROJECTS AND THESIS

#### Thesis (BSc Engineering)

- "Modified Advanced Encryption Standard Algorithm For Resource-Constrained IoT Devices."

#### Projects

- Campus Blood Donation Management System Project
- Train Accident Prevention Project
- Build an Official Website for the Department of CSE, MEC
- SonicGuide: A Sensor-Based Navigation System for the Visually Impaired

## NETWORKS AND MEMBERSHIPS

[ 2019 – 2024 ] Bangladesh Scout ID: BQ5823 and WOSM ID: 3164633, Bangladesh  
**Treasurer at Mymensingh Engineering College Rover Scout Group**  
Crew Council Committee (2022-2023) & (2023-2024)

[ 2022 – 2024 ] Mymensingh Engineering College, Mymensingh, Bangladesh  
**Network and Security Secretary at MEC\_Computer Club**  
Executive Committee (2022-2023) & (2023-2024)

[ 2019 – 2024 ] Voluntary Blood Donation Group, Bangladesh  
**Information & Communication Secretary at Pradeep**  
Executive Committee (2022-2024)

[ 2020 – Current ] Companiganj, Sylhet  
**Member at Borni Expatriates' Social Welfare Council**  
Bangladesh Executive Committee (2020-22 & 2022-2024)

[ 2016 – Current ] Companiganj, Sylhet  
**Organizing Secretary at Borni Student Forum**  
Executive Committee (2019-20 & 2021-2022)

## HONOURS AND AWARDS

MEC, University of Dhaka  
**Annual Institute Award**  
I was honored with this scholarship **two times** for my exceptional academic achievements, presented by the institution's principal

Department of CSE (MEC), University of Dhaka  
**Excellence Award**  
I was awarded this scholarship each semester for ranking among the **top 5** students in my department.

[ 2016 ] Board of Intermediate & Secondary Education, Sylhet.  
**Govt. Scholarship**  
I was granted this scholarship for my exceptional **SSC** results.

[ 2013 ] Board of Intermediate & Secondary Education, Sylhet.  
**Govt. Scholarship**  
I received this scholarship for my exceptional **JSC** results.

[ 2010 ] Directorate of Primary Education, Bangladesh  
**Govt. Scholarship**  
I was awarded this scholarship for my exceptional **PSC** results.

## MANAGEMENT AND LEADERSHIP SKILLS

**Class Representative**  
I served as CR in my department (2nd, 5th, and 7th semesters) and as Class Captain in grades (9–10).

### Events & Seminars

As a CR and active Rover, I proudly hosted most departmental seminars.

### **As a Rover**

I actively coordinate blood donations for patients, lead environmental cleanups, support disaster relief efforts, engage in tree planting, promote disaster preparedness awareness, and commemorate national days with respect and purpose.

### **Diverse Leadership**

Serving as Treasurer of the MEC Rover Scout Group, Network and Security Secretary of the MEC Computer Club, Organizing Secretary of the Borni Student Forum, and an active Rover, I honed my leadership through strategic planning, teamwork, and community engagement. These diverse roles strengthened my ability to lead with adaptability, inspire collaboration, and drive impactful social initiatives.