



MD. BODRUL ISLAM

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Career Objective

Innovative .NET Software Engineer skilled in **ASP.NET Core**, **C#**, and **SQL**, with a solid foundation in system design and database architecture. Backed by a top academic record from the University of Dhaka, I'm passionate about building secure, high-performance applications. Eager to join a forward-thinking team to deliver scalable solutions and contribute to impactful software projects.

Academic Credentials

- **BSc Engineering in CSE** January 2019 – September 2024
Mymensingh Engineering College (University of Dhaka) CGPA: **3.70** (2nd Position)
- **Higher Secondary Certificate (HSC)** July 2016 – August 2018
Sylhet MC College GPA: **4.08**
- **Secondary School Certificate (SSC)** January 2014 - February 2016
Shaheed Smrity Tukur Bazar High School and College GPA: **5.00**

Research

- “Tversky Attention and Loss Mechanisms: A ResUNet Approach to Improving Brain Tumour Segmentation” (IEEE)
- “Toward Accurate Urban Temperature Forecasting in Seoul: A Hybrid Ensemble of Bias Corrected Machine and Deep Learning Models with Explainable AI” (Under Review)
- “Modified Advanced Encryption Standard Algorithm for Resource-Constrained IoT Devices” (BSc Engineering Thesis, Supervisor: Engr. Khaleda Ferdousi)

Academic Projects

- Departmental Website Supervisor: Rownak Ara Chowdhury
- Train Accident Prevention Supervisor: Engr. Khaleda Ferdousi
- Blood Donation Management System Supervisor: Md. Nugrul Islam
- SonicGuide Supervisor: Ozifatun Jannat Akhi

Digital Skills

C | C# | Python | HTML5, CSS3 & Bootstrap 4 | Java Script | MySQL | Git & GitHub | LaTeX
| Canva Pro | Linux & Windows | Google Suite | MS Office & MS 365

Language Proficiency

- ❖ **Bangla** (Native) & **English** (Fluent Professional Proficiency)

Award and Scholarship

- **Annual Institute Award** (2021 & 2023)
- **Excellence Award** (Each Academic Semester during BSc)
- **Govt. Scholarship** (PSC-2010, JSC-2013 & SSC-2016)
- **Sylhet Zilla Parishad Scholarship** (2016)

Extracurricular Activities

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| ❖ Treasure , MEC Rover Scout Group | January 2022 – September 2024 |
| ❖ Class Representative (CR) | (3 rd , 5 th , & 7 th Semester) |
| ❖ Information & Communication Secretary , Pradeep | May 2019 – Present |
| ❖ Organizing Secretary , Borni Student Forum | (2019-2020 & 2021-2022) |
| ❖ Member , Borni Expatriates' Social Welfare Council | (2020-Present) |

Management & Leadership Skills

- **Class Representative** I served as Class Representative (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.

Recommendations

- ❖ **Rownak Ara Chowdhury**
Assistant Professor and Head
Department of CSE, Mymensingh Engineering College
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- ❖ **Engr. Khaleda Ferdousi**
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