

# MD. BODRUL ISLAM

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## Career Objective

Innovative .NET Software Engineer with expertise in ASP.NET Core, C#, and SQL. Strong background in system design and database architecture, backed by top academic performance at the University of Dhaka. Passionate about developing secure, scalable applications and contributing to impactful software solutions.

## Work Experience

• <b>ASP.NET Core Developer</b>   Trainee   ICT BD	Feb 2025 - Present
• <b>ASP.NET Core Developer</b>   Fiver & Upwork	Jun 2024 - Present
• <b>Professional Cybersecurity</b>   Byte capsule	Oct 2023 - Apr 2024
• <b>Cybersecurity</b>   Trainee + Intern   Arena Web security	Nov 2022 - Jul 2023

## Education

▪ <b>BSc Engineering in CSE</b> Mymensingh Engineering College (University of Dhaka)	<b>CGPA: 3.70 (2<sup>nd</sup> Position)</b> Jan 2019 – Sep 2024
▪ <b>Higher Secondary Certificate (HSC)</b> Sylhet MC College	<b>GPA: 4.08</b> Jul 2016 - Aug 2018
▪ <b>Secondary School Certificate (SSC)</b> Shaheed Smriti Tuker Bazar High School and College	<b>GPA: 5.00</b> Jan 2014 - Feb 2016

## Research

- “A Comparative Analysis of Traditional and Ensemble Machine Learning Models for Phishing Email Detection with Explainable AI-(Under Review)”
- “Evaluation of Ensemble Machine Learning Models for Hourly Bike-Sharing Demand with XAI-Driven Insights-(Under Review)”
- “Toward Accurate Urban Temperature Forecasting in Seoul: A Hybrid Ensemble of Bias Machine and Deep Learning Models with Explainable AI-(IEEE-2025)”
- “Tversky Loss Mechanisms: A ResUNet Approach to Improving Brain Tumor Segmentation-(CVIP 2024)”
- “Modified Advanced Encryption Standard Algorithm for Resource-Constrained IoT Devices”  
(BSc Engineering Thesis, Supervised: Engr. Khaleda Ferdousi)

## Academic Projects

▪ Official Website for Dept of CSE	Supervised: Rownak Ara Chowdhury   Head Dept of CSE
▪ Train Accident Prevention System	Supervised: Engr. Khaleda Ferdousi   Asst. Prof. Dept of CSE
▪ Blood Donation Management System	Supervised: Md. Nugrul Islam   Lecturer, Dept of CSE
▪ SonicGuide	Supervised: Ozifatun Jannat Akhi   Lecturer, Dept of CSE

## Skills Summary

- ✓ **Languages:** C, C#, JavaScript, HTML5, CSS3
- ✓ **Frontend:** React.js, jQuery, Razor Pages, Blazor
- ✓ **Backend:** ASP.NET Core, ASP.NET MVC, Node.js, RESTful APIs
- ✓ **Databases:** MySQL, SQL Server
- ✓ **Tools:** Visual Studio, Git & GitHub, npm, Postman, Swagger, Docker (basic)
- ✓ **Productivity:** Windows, Linux, Google Suite, MS Office
- ✓ **Soft Skills:** Problem-solving, Team collaboration, Communication, Time management, Continuous learning

## Extracurricular Activities

❖ <b>Finance Secraty</b> , MEC Computer Club	Aug 2022 - Sep 2024
❖ <b>Treasure</b> , MEC Rover Scout Group	Jan 2022 - Sep 2024

- ❖ **Class Representative /CR**
- ❖ **Information Secretary**, Pradeep
- ❖ **Organizing Secretary**, Borni Student Forum
- ❖ **Member**, Borni Expatriates' Social Welfare Council

3<sup>rd</sup>, 5<sup>th</sup>, & 7<sup>th</sup> Semester  
May 2019 - Present  
Oct 2019 - Oct 2022  
Dec 2020 - Dec 2024

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### Recommendations

- ❖ **Rownak Ara Chowdhury**

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Department of CSE, Mymensingh Engineering College  
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- ❖ **Engr. Khaleda Ferdousi**

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