

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

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

Education

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

- ❖ **Finance Secraty**, MEC Computer Club Aug 2022 - Sep 2024
- ❖ **Treasure**, MEC Rover Scout Group Jan 2022 - Sep 2024

❖ Class Representative /CR	3 rd , 5 th , & 7 th Semester
❖ Information Secretary , Pradeep	May 2019 - Present
❖ Organizing Secretary , Borni Student Forum	Oct 2019 - Oct 2022
❖ Member , Borni Expatriates' Social Welfare Council	Dec 2020 - Dec 2024

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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