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 Tuker Bazar High School and College   Jan 2014 - Feb 2016

Research

- "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, Supervisor: Engr. Khaleda Ferdousi)

Academic Projects

- Official Website for Dept of CSE   Supervisor: Rownak Ara Chowdhury | Head Dept of CSE
- Train Accident Prevention System   Supervisor: Engr. Khaleda Ferdousi | Asst. Prof. Dept of CSE
- Blood Donation Management System   Supervisor: Md. Nugrul Islam | Lecturer, Dept of CSE
- SonicGuide   Supervisor: 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

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Extracurricular Activities

- ❖ **Network and Security Secraty**, MEC Computer Club   Aug 2022 - Sep 2024
- ❖ **Treasure**, MEC Rover Scout Group   Jan 2022 - Sep 2024
- ❖ **Class Representative** /CR   3rd, 5th, & 7th 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