

Md. Mahmudur Rahman

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SOFTWARE & SYSTEMS PROFESSIONAL

Motivated and detail-oriented Computing and Information Systems student with hands-on experience in software development, system analysis, and algorithmic problem-solving. Strong academic foundation with recognition through the Dean's List Award. Demonstrated leadership in tech clubs and active involvement in competitive programming and innovation challenges. Adept at building efficient solutions using Java, C/C++, SpringBoot, and MySQL. Eager to contribute technical expertise and creative thinking in dynamic and collaborative environments.

KEY COMPETENCIES

- Java, C, C++, MySQL
- Research & Technical Writing
- Team Leadership
- Web Development (SpringBoot, HTML, CSS)
- Git & GitHub
- Basic Graphic Design
- Competitive Programming
- System Design & Analysis

PROJECTS

- E-commerce Website – Full-stack platform using SpringBoot & MySQL
- Tax Calculator App – Mobile app for easy income tax estimation
- Library Management System – C++ project using object-oriented concepts
- Movie Ticket Management System – Console-based ticketing in C
- Resort Management System – GUI-based app built with Java
- Portfolio Website – Designed with academic and professional flair (in progress)

SKILLS

- **Technical Proficiency**
Strong foundation in programming and web technologies.
Able to deliver clean, efficient code and scalable systems.
- **Problem Solving**
Experienced competitive coder (HackerRank, BeeCrowd, Codeforces).
ICPC Dhaka Regional Participant.
- **Research**
Published a paper titled "**Towards the Unraveling of Zombie Effect in the Linux Kernel**" in the International Journal of Global Optimization and Its Application.
- **Leadership & Communication**
Active leadership roles and public speaking in university-level clubs and forums.

LANGUAGE

- Bangla (Native)
- English (Communicative)

EDUCATION & CERTIFICATIONS

B.Sc. in Computing and Information Systems

- Daffodil International University
- 2021 – Present | CGPA : 3.93

HSC – Science

- Bijoy Smarani College
- 2021 | GPA: 4.42

SSC – Science

- Sabuj Shiksha Hayaton High School
- 2019 | GPA: 3.89

EXTRACURRICULAR ACTIVITIES

- **Deputy Organizing Secretary – DIU CIS Club**
2023 – Present
- **Executive – BASIS Students' Forum (DIU Chapter)**
2023 – Present
- **Finalist – Hult Prize (DIU Chapter) | 2024**
Developed Eco Coco Ink, a sustainable ink solution.

AWARDS

- 🏆 **Dean's List Award – 2023**