

# MD Saifur Rahman Chowdhury

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## OBJECTIVE

I am a graduate in Computer Science and Engineering with a strong foundation in problem-solving, data structures, and algorithms, complemented by experience in research and competitive programming. Passionate about technology and innovation, I aim to apply my technical expertise, creativity, and dedication in a challenging role where I can contribute to impactful projects, drive organizational success, and continuously grow as a professional.

## Professional Experience

**Jr. Software Engineer** at **SoftBD Ltd.** (February 2025 – present )

- Contributed to front-end development of the Uddokta Eksheba project using Laravel's Blade templating engine to design responsive and user-friendly interfaces.
- Completed an internship focused on learning core web development technologies.
- Gained foundational knowledge of JavaScript and React.js for front-end development.

## EDUCATION

<b>SYLHET ENGINEERING COLLEGE, SYLHET, BANGLADESH</b>	Feb.2019 - June 2024
B.Sc. in Computer Science and Engineering,	CGPA: 3.45/4.00

## TECHNICAL SKILLS

- C, C++, Python, JavaScript, React, Bootstrap, PHP, Laravel, and MySQL

## ONLINE JUDGE PROFILES

- Codeforces Handle: [saifur\\_shamim](#) (Max Rating: 1452, Solved 1500+ Problems)
- CodeChef Handle: [saifur\\_shamim](#) (Max Rating: 1654, Solved 270+ Problems)
- Atcoder Handle: [saifur\\_shamim](#) (Max Rating: 596, Solved 190+ Problems)
- Leetcode Handle: [saifur\\_shamim](#) ( Solved 35+ Problems)

## ACHIEVEMENT

- ICPC Dhaka Regional 2023 Online Preliminary Contest**  
Rank: 173 out of 2400+ teams, Teamname: SEC\_Byte\_Wizards, [Standing](#)
- NCPC Online Preliminary Contest 2023**  
Rank: 201 out of 1090+ teams, Teamname: SEC\_417\_Expectation\_Failed, [Standing](#)
- SUST Inter-University Programming Contest -2024**  
Rank: 91, Teamname: SEC\_Contrivers, [Standing](#)

## Projects

**SmartEdge Learning:** [Source Code](#)  
Developed a full-stack Learning Management System featuring secure user authentication, dynamic course management, and structured content delivery. Built and integrated APIs for registration, login, and course content, connected to a responsive frontend interface.  
**Technologies:** React, Laravel

**Blog project:** [Source Code](#)  
Developed a web-based blogging platform with user registration, login, blog posting, editing, and deletion. Added public commenting, replies, email/password updates, and logout.  
**Technologies:** Laravel, Bootstrap

**Income and Expense Manager:** [Live Link](#) | [Source Code](#)  
Built a user-friendly expense tracker to record income and expenses. Implemented useReducer and useContext for efficient state management.  
**Technologies:** React, CSS

**User Management Dashboard:** [Live Link](#) | [Source Code](#)

Created a dynamic user management dashboard to handle user data efficiently. Features include adding, viewing, editing, and deleting users.

**Technologies:** React, Bootstrap

**Publications**

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**Streamlining Global Visa Processing and Document Verification: A Self-Sovereign Identity System for Secure and Efficient Visa Processing Using Hyperledger Indy.** ( <https://doi.org/10.1109/ICICT64387.2024.10839648> )

**Leveraging Self-Sovereign Identity (SSI) with Hyperledger Indy: A Decentralized Identity Ecosystem for Secure Document Management in Bangladesh.** ( <https://doi.org/10.1109/ICCIT64611.2024.11021967> )

**Blockchain-Based Interoperable Healthcare System for Secure and Unified Patient Records Management.** ( accepted at the 2nd International Conference on Next-Generation Computing, IoT, and Machine Learning, June 27-28, 2025 )

**PERSONAL EXPERIENCES**

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- Solved over 2000+ Data Structures and Algorithm problems ([StopStalk Profile](#)).
- Participated in over 200 online contests, numerous weekly programming contests, and intra-campus competitions.
- Served as Organizing Secretary and Joint Treasurer of the SEC Programming Club, contributing to event planning and club management.
- Worked as Lab Coordinator at the SEC Research Club, assisting in research facilitation.
- Volunteered with Volunteer for Bangladesh, contributing to community development and youth-led initiatives.