

# Md. Sajedullah Aref

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## Profile

I am Sajedullah Aref, an enthusiastic undergraduate student in Computer Science and Engineering at MIST. Passionate about Software Development and Quality Assurance, I thrive in collaborative environments and excel in programming, problem-solving, and delivering innovative solutions. With active involvement in technical clubs, I aim to grow as a developer and contribute meaningfully to the tech industry.

## Education

**Bachelor of Science in Computer Science and Engineering** 2022 – Present  
*Military Institute of Science and Technology (MIST)*

- Current CGPA: 3.26 / 4.00 (after Level 3 Term 1)
- Relevant Coursework: Software Development Project, Software Engineering, Database Management System, Data Structures and Algorithms and Object-Oriented Programming

## Technical Skills

**Programming Languages:** C, C++, JavaScript, TypeScript, MATLAB, Assembly (Intel x86), Shell Script, Java

**Frontend:** React.js, Next.js

**Backend:** Node.js, Bun, Hono (beginner level)

**Database:** Oracle, MySQL

**Operating System:** Windows, Linux

**Version Control:** Git, GitHub

## Projects

**Blood Bridge (In Progress)** [Live Link](#) [Code](#)

- Built a platform to connect blood donors and recipients in nearby areas.
- Implemented using Next.js, TypeScript, and Bun with Hono for the backend.
- Designed a chatbot feature for information on blood-related issues and diseases.

**EyeCare: Your Path to Clearer Days** [Live Link](#)

- Developed a web-based platform for booking appointments and shopping for eye care products.
- Used React.js for frontend and Node.js with Oracle database for backend development.

**Job Junction** [Code](#)

- Developed a desktop application to help users manage job applications and career progress.
- Used Java, CSS, JavaFX for the UI and implemented features for tracking interviews and job offers.

## Extracurricular Activities

**MIST Cyber Security Club** April 2024 – Present  
*Assistant Secretary*

**MIST Computer Club** March 2024 – Present  
*Executive Member of the Committee of Research and Development*

## Problem Solving

- Solved **362 problems** on Codeforces (Username: rf\_104).
- Solved **214 problems** on Vjudge (Username: aerf\_104).
- Solved **114 problems** on CodeChef (Username: rf\_104).
- Participated in Independent Day Programming Contest 2023.