

# Md. Saddam Hosen

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## PROFILE

CSE student at HSTU with a passion for web development and backend engineering. Skilled in C, C++, JavaScript, React, and Node.js. Active in tech communities and always eager to learn, build, and contribute.

## SKILLS

**Problem Solving:** Solved 500+ problems on platforms like [Codechef](#), [Codeforces](#), [HackerRank](#) during 1st year.

**Programming Languages:** C, C++ , Java, JavaScript, Python.

**Web Technologies:** HTML5, CSS3, Tailwind CSS, daisyUI, React.js, Node.js

**Tools & Platforms:** Git, GitHub, VS Code, Netlify, Firebase

**Design & UI:** Figma, Pixso

**Database:** MongoDB

**Others:** REST API, JSON, Responsive Web Design.

## PROJECTS

- **Nibash – Building Management System (**[Frontend Code](#) **|** [Backend Code](#) **)**

A role-based system for managing a single-building apartment. Features include apartment listings, agreement requests, rent payments with coupon support, announcements, and admin panel.

**Live:** <https://nivash-e352f.web.app/>

**Tech:** React, Node.js, Express, MongoDB, Tailwind CSS, DaisyUI,JWT

- **FoodBridge – Community Food Sharing Platform (**[Frontend Code](#) **|** [Backend Code](#) **)**

A full-stack web app where users can donate and request food. Includes JWT-based authentication, role management, modal-based food requests, and real-time status updates.

**Live:** <https://foodbridge-1.web.app/>

**Tech:** React, Node.js, Express, MongoDB, Tailwind CSS, DaisyUI, JWT

- **Sorting Algorithm Visualizer**

Built a desktop-based visualizer that demonstrates the step-by-step execution of common sorting algorithms like Bubble Sort, Selection Sort, and Insertion Sort using animations. Aimed to help students understand how sorting works internally.**Tech use:** Java, JavaFX

## EDUCATION

Hajee Mohammad Danesh Science and Technology University, Dinajpur

B.Sc (engineering) in Computer Science and Engineering

Complete Web Development Course with Programming Hero

January 2023 – December 2026

Dinajpur, Bangladesh

Batch-11(January 2025 – July 2025)

## VOLUNTEERING & LEADERSHIP

Programmers Arena

IT and Publication Secretary

April 2024 – Present

HSTU, Dinajpur, Bangladesh

- Organized and taught competitive programming workshops at HSTU, impacting over 100 students.
- Led and instructed Intra-HSTU programming contests, managed participants and event flow.

Others Activities

- Co-Managing Secretary, Tangail District Student Welfare Association
- Organized and volunteered in HSTU CSE FEST 2025 by setting coding environments in 20+ linux based computers.

January 2025 – Present