

MD Sobhan Mridha

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in [sobhanmridha](#)

⌚ [SobhanMridha](#)

🌐 [Portfolio](#)

💼 WORK EXPERIENCE

Present
October 2022

Instructor, Programming Club | Tejgaon College

> Assisted and taught over 150+ students in learning C and Competitive Programming, covering concepts such as problem-solving strategies, time complexity analysis, and efficient coding practices.

💻 TECHNICAL SKILLS

Languages : C, C++, Python, JavaScript

Frontend : Html, Css, React, Tailwind, Bootstrap

Backend : Django, Flask, Node, Express

Databases : Mysql, Mongodb

🏆 ACHIEVEMENTS

- > Qualified and participated in ACM-ICPC Asia Dhaka Regional Contest
 icpc.global/ICPCID/EL0R1D6N5VIM
- > Codeforces: **Pupil**, Max. Rating – 1203 ([ReMade](#)) > Codechef: **3 star**, Max. Rating – 1603 ([sobhan_mridha](#))
- > Solved **1000+** problems at various online judges and participated in **150+** online programming contest

💻 PROJECTS

> Merge Sort Visualizer -

A terminal-based visualization tool to demonstrate the working of the Merge Sort algorithm using Python. Implemented recursive sorting logic with color-coded, step-by-step visual output, allowing users to observe how arrays split and merge during the sorting process.

Technologies : Python (Core Logic, ANSI Colors, CLI Interaction)

- Visual representation of recursive splits and merges.
- Color-coded terminal output for better clarity.
- Runs entirely in the terminal without external dependencies or GUI frameworks.

[Site-Github](#)

> Watchlist -

A full-stack web application that allows users to manage and share their personalized movie and series watchlists using the TMDb API.

Technologies : Flask , SQL, HTML, CSS, JavaScript, TMDb API

- Separate Watchlist and Watched movie pages.
- Real-time movie and series data integration via TMDb API.
- Responsive and intuitive UI built for seamless user experience.

[Live-Site](#) | [Site-Github](#)

🎓 EDUCATION

Present
January 2022

B.Sc. in Computer Science and Engineering

National University

CGPA: 3.42/4.00