

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.
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📋 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
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