

TAJUL ISLAM TAREK

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Education


B.Sc. in Computer Science and Engineering (Ongoing)

Current CGPA: 3.72/4.00

Shahjalal University of Science and Technology, Sylhet

Currently in 4th Year, 2nd Semester

Competitive Programming

- Codeforces **Expert**  Profile
- CodeChef **4-Star Coder**  Profile
- Achieved **5th place** in the Intra-University Programming Contest at SUST  Standings
- Ranked 29th in the Uttara University Inter-University Programming Contest 2025  Standings
- Ranked 34th in the 15th IIUC Inter-University Programming Contest 2023.

Achievements

- **Champion** of *DNA Hack for Health 2026* (Sylhet Divisional Round).
- Received an **Honourable Mention** in the final round of *JavaFest 2025*.
- **First Runner-Up** in the Techathon segment of *TechnoCrats V.2* (2024), organized by IUBAT.
- Secured **5th place** in the *DU AI Challenge 2025*.
- Received an **Honorable Mention** at the *Solvio AI Hackathon 2025*.
- **Finalist** in *CodeCrafters DevSprint 2024*, an inter-university software development competition organized by BUET, for the project *Procollab*.
- **Finalist** in the *Hack The AI Competition 2025*.
- Secured a **Top 20** position in *VisionX: AI-powered Project Showcasing 2025*.

Projects

Automatic Attendance System using Face Recognition

- Automated classroom attendance using face recognition with a full-stack web dashboard.

– Tech: ResNet, dlib, MERN Stack

 Website

 GitHub

NeuroNurture

- Web-based platform enabling early autism screening using interactive, game-driven behavioral assessments.

– Facilitates continuous child development tracking through collaboration between parents, schools, and clinicians.

– Tech: React.js, Node.js, Python, MediaPipe, LangChain

 Website

 GitHub

Annolink

- Android app connecting researchers with annotators for efficient dataset labeling.

– Tech: Kotlin, Jetpack Compose, Firebase

 GitHub

Procollab

- Collaborative web platform for sharing projects and forming development teams.

– Tech: MERN Stack

 GitHub

SUST Mental Health Portal

- Mental health support platform connecting university students with certified psychologists.

– Tech: MERN Stack, Python, RAG-based AI Chatbot

 GitHub

E-commerce Website – Paix

- Full-stack e-commerce platform developed as coursework.

– Tech: MERN Stack

 GitHub

KillTheMonster

- Desktop game developed using JavaFX.

– Tech: Java, JavaFX

 GitHub

Skills

- Problem Solving: Competitive programming expertise across platforms like Codeforces, CodeChef, and AtCoder
- Programming Languages: C, C++, Java, Python.
- Machine Learning: Computer Vision, TensorFlow.
- Web Development: ReactJS, Firebase, MongoDB, SQL, JavaScript
- Mobile Development: Kotlin

Voluntary Work

- Managed the regional contest of the National High School Programming Contest (NHSPC) 2025 as a volunteer.