

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.