

Md Robiul Islam Robin

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Summary

I build things people actually use. From a conference platform handling 55K+ users to an EdTech site, a Telegram bot, and enterprise software at DSi ,I work across the full stack and care about getting things into production, not just GitHub.

Education

B.Sc in Software Engineering
Shahjalal University of Science and Technology [🔗](#),
◦ CGPA: 3.45/4.0 (through 6th semester) [Curriculum](#) [🔗](#)

Sylhet, Bangladesh
March 2022 – Present

Experience

Software Engineer Intern
Dynamic Solution Innovators Ltd. (DSi)

Mohakhali DOHS, Dhaka
Dec 2025 – Present

- Built a booking and availability system for MeetSync (full-stack meeting scheduler) with Google Calendar integration, enabling real-time scheduling using Spring Boot, Thymeleaf, and PostgreSQL
- Resolved a critical real-time data synchronisation bug in KubeKit's cluster dashboard (GUI Kubernetes platform), ensuring accurate post-upgrade state reflection using Node.js backend services

Algorithmic Problem Solving

- Solved **300+** problems on Codeforces,Leetcode, UVA, and VJudge platforms.

Technical Skills

Languages: C++, Python, Java, JavaScript,TypeScript

Frontend: React, Next.js,Thymeleaf,Vuejs ,SvelteKit

Backend: Node.js/Express, Springboot

Databases: MongoDB,PostgreSQL, MySQL ,Firebase

Tools & Platforms: Git, Redis, Cloudinary, Hadoop (Distributed Systems)

Testing & Deployment: Selenium, JUnit · GitHub CI/CD, Vercel, VPS, Render

AI-Assisted Development: Claude Code, GitHub Copilot (production-level experience)

Projects

- **Icerie 2025 – 8th International Conference on Engineering Research, Innovation and Education** (Dec 2024 – Apr 2025)
icerie2025.sust.edu [🔗](#)
Developed with Next.js/Express.js; integrated SUST E-payment Gateway and Cloudinary, handling 55.3K users from 10+ countries.
- Next.js, Node.js, Express.js, Firebase, Cloudinary
- **TechAcademy – EdTech Platform for Polytechnic Students** (Jul 2024 – Aug 2024)
techacademy-bd.com [🔗](#)
Built a multi-role EdTech platform with course management, real-time notifications, encrypted video streaming, and custom payment system.
-Next.js, Node.js, MongoDB, Redis, Firebase

- **Icap 2025 – International Conference on Advances in Physics (2025)**

icap2025.sust.edu 

Led full-stack development, implementing dashboards, authentication, and integrating SUST E-payment Gateway; supported 7.5K+ users across multiple countries.

- Next.js, Node.js, Express.js, Firebase, Cloudinary

- **Projectile Motion Simulator (Jul 2025)**

[github/repository](#) 

[ProjectileSim](#) 

Interactive 2D simulator for projectile motion with air resistance;

- Next.js, Canvas, TailwindCSS

- **Group Expense Tracker Bot – Telegram (Aug 2025)**

[@group_expense_tracker_bot](#) 

Telegram bot for managing group expenses; implemented real-time tracking, bill splitting, settlements, and CSV export.

- Node.js, Firebase, Chart.js

- **Hospital Management System (Jul 2024)**

[github/repository](#) 

Developed patient management, doctor scheduling, and role-based access features for a full-stack hospital system.

- React.js, Node.js, Express.js, MySQL

- **Buli Chat Application (Jun 2024)**

[github/repository](#) 

Real-time desktop chat app with private/group messaging; implemented backend logic and UI components.

- Java, Socket.IO, Swing, Spring Boot

- **Face Recognition – Python, OpenCV (May 2025)**

[github/repository](#) 

Implemented face detection and recognition system; handled image processing and matrix operations.

- Python, OpenCV, NumPy

Achievements and Certifications

- **2nd Runner-Up – International Hackathon “Bridging Engineering & Computer Science 2025”:** Developed a physics-based projectile motion simulator .
- **Python and Data Science – Digital Skills For Students:** Completed hands-on courses on Python, NumPy, DataFrames, and Matplotlib.
- **Trainer – Bangladesh Bureau of Statistics:** Recognized as Best Trainer for sessions on the CPS Platform.

Extra-Curricular

- Operational Team Lead – ACM SUST; Assistant General Secretary – BDSA SUST; Best Trainer – Bangladesh Bureau of Statistics