



Swakkhar (Abid Al Hossain)

Software Engineer | Full-Stack Developer

Personal-Info

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Links

- LinkedIn
- Github
- Portfolio
- Codeforces

Skills

- JS (ES6+), TS, C++, Python, Kotlin
- React.js, Next.js, Redux, Zustand
- Tailwind CSS, Framer Motion, Three.js
- Node.js, Express.js, MongoDB, SQL
- Git, Github, Postman, Vercel
- Android Studio, Retrofit 2, Coroutines
- Scikit-learn, Pandas, XGBoost, CatBoost

Languages

- Bangla (Native)
- English (Professional)

Objective:

CUET student & Software Engineer focused on high-performance full-stack architectures. Expert at bridging complex backend logic with premium 3D React frontends.

Featured Projects:

Hall Management V2 — GitHub

- Professional RBAC portal with dynamic dashboards and sub-100ms response times using React & TypeScript.

ClassHub Routine Portal — GitHub

- Local-first academic platform with automated scheduling logic & Zustand state management.

Letterly V2 Suggestions — GitHub

- Native Kotlin app with 14 search modes; optimized via multi-threaded Coroutines & Retrofit 2.

Lost and Found Portal — GitHub

- Full-stack community platform featuring real-time matching and secure JWT-based authentication.

Used Car Price Prediction — GitHub

- Predictive app using ensembles of CatBoost/XGBoost; containerized with Docker for microservices.

Vanilla JS Performance Suite — Converter | Game

- High-speed web tools featuring Flag APIs and immersive sound effects for browser-based interactions.

Education:

Chittagong University of Engineering and Technology

Bachelor of Science in Computer Science and Engineering
Batch 2022 – 2026 (Expected Graduation)