

Debashish Sinha

Portfolio | GitHub | LinkedIn

debashishsinha555@gmail.com

+91 98322 92648

EDUCATION

Siliguri Institute of Technology <i>B.Tech, Computer Science & Engineering</i>	Siliguri, India 2024 – 2028
Delhi Public School <i>Class XII (PCM)</i>	Siliguri, India 2018 – 2023

SKILLS

Languages: Go, Python, TypeScript, JavaScript
Frameworks/Libraries: React, Tailwind CSS, Django, Flask
Databases: MySQL, PostgreSQL, Firebase
Tools: Git, GitHub, Docker, Nginx
Soft skills: Communication, Documentation, Ownership, Collaboration

ACHIEVEMENTS

Grand Finalist, Smart India Hackathon Grand Finale 2025 (IIT Roorkee)	Dec 2025
Winner, Internal Smart India Hackathon	Sep 2025
Top 5, 30-Day Coding Challenge (CES, SIT)	Sep 2024

PROJECTS

- GopherNet** | *Go, TypeScript, React, MySQL, Tailwind CSS, Vite, Nginx, Docker* | GitHub
- Built a real-time event platform to create, browse, and join events with live updates and authentication.
 - Designed a modular Go backend (REST + WebSocket APIs) with MySQL; built a React/TypeScript frontend.
 - Containerized the stack with Docker and served it behind Nginx; added timeline view and role-based access.
- IC3 System** | *Python, Flask, PyInstaller, PyCryptodome* | GitHub
- Built an offline-ready command dashboard for GPS tracking, SOS alerts, and base-to-unit messaging.
 - Implemented secure messaging using Diffie-Hellman + HKDF-SHA256 derived session keys and AES-256-CBC encryption.
 - Added SHA-256 integrity checks and RTT-based telemetry for link health and latency monitoring.

LICENSES & CERTIFICATIONS

GO Programming for Everyone: Part 1 & 2 (UC Santa Cruz)	Oct 2025
AWS Fundamentals (Amazon Web Services)	Dec 2025

POSITIONS & ACTIVITIES

Computer Engineers' Society <i>Junior Associate Member</i>	Siliguri, India
SIT Chess Club <i>Management Lead</i>	Siliguri, India