Mohak Gupta

Baguihati, Kolkata — **Email:** mohakgupta500@gmail.com — **Phone:** +91 7001399631

GitHub — TryHackMe — Portfolio — LinkedIn

Education

Techno India University, Kolkata — B.Tech in Computer Science, GPA: 9.35/10   Jul 2023 – Jul 2027
Gorabazar Ishwar Chandra Institution — Class XII: 80.8%, Class X: 85%

Technical Skills

Languages: JavaScript, C++, Rust, Solidity, Go
Frameworks & Libraries: React, Next.js, Express, Anchor, Hono, Gin, TailwindCSS
Blockchain: Ethereum (Solidity, Hardhat), Solana (Anchor)
Cybersecurity: Penetration Testing, Smart Contract Auditing, Application Security
Tools: Docker, Git, PostgreSQL, MongoDB, Redis, Firebase, Supabase, Kafka

Experience

Web3 Lead, GDG   Current
- Conducted 5+ workshops and hackathons for 300+ students on Solana & Ethereum DApp development.
- Promoted adoption of decentralized technologies in the university community.

Cybersecurity Facilitator, GDG
- Mentored 50+ students in Linux, Networking, OSINT, and common vulnerabilities.
- Organized 6+ sessions on penetration testing and OWASP Top 10.

Projects

ChainWork – Decentralized Freelance Marketplace
Winner – InnovoCon Hacknex 2025
- Built ETH-based freelance platform using Solidity smart contracts and real-time WebSocket chat.
- Stack: React, Express, Solidity, Hardhat

Strato.dev – AI + Web3 Developer Platform
- Developed AI-powered platform integrating decentralized identity and collaboration tools.
- Stack: JavaScript, Web3.js, Gemini APIs

Sysreturn – AI Chatbot with RAG (Ongoing)
- Designing AI chatbot for document-based Q&A with contextual memory.
- Stack: Next.js, OpenAI Agent SDK, QdrantDB

Awards

- Runner-up – Smart India Hackathon 2023 (AICTE)
- Winner – InnovoCon Hacknex 2025 (JIS Kalyani)

Certifications

- CompTIA PenTest+ — Prepared for PT0-002 certification
- Intermediate Git and GitHub — Advanced Git and GitHub concepts
- Certified Network Security Practitioner — Training in advanced network security principles