

Soumyadeep Sarkar

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Education

University Institute of Technology, Burdwan University

Expected Graduation: July 2026

B.E. in Information Technology

CGPA (Up to 5th Sem): 7.51

Relevant Coursework

- Computer Networks
- Blockchain Fundamentals
- Object Oriented Programming
- Data Structures
- Machine Learning
- DBMS

Experience

EduChain S3 Kolkata Region

Feb 2025

Blockchain Enthusiast, Top 5

- Deployed course-booking smart contracts using Solidity on Ethereum Sepolia.
- Integrated MetaMask with React frontend and implemented dynamic content locking.
- Used IPFS/Web3.Storage for decentralized content delivery.

Build on Aptos Kolkata

July 2025

Hackathon Participant

- Built encrypted decentralized chat using Aptos Move.
- Stored off-chain data using Web3.Storage and built frontend with React.

IEEE JU Hackathon – Double-Slash 3.0

Feb 2025

Hackathon Participant

- Built real-time bus tracking system with React and Firebase.
- Collaborated in a 24-hour sprint and presented working demo to judges.

Projects

Subscription dApp with Core DAO | Solidity, Core DAO, MetaMask

May 2025

- Developed smart contracts for recurring subscriptions and user auth via wallets.

Inbox3 - Messaging dApp on Aptos | Move, Web3 Socket, Pinata Storage, Petra Wallet

July 2025

- Built encrypted decentralized chat using Aptos Move.
- Stored off-chain data using Web3.Storage and built frontend with React.

Bus Finder – Real-Time Transit Web App | React, Tailwind CSS, Go-Maps API

Feb 2025

- Built a location-based bus tracking system to monitor live bus transit across city routes.
- Used Firebase for real-time updates and integrated Maps API for route visualization.
- Developed intuitive frontend with React and optimized for mobile access during the IEEE JU Hackathon.

Technical Skills

Languages: Java, TypeScript, Solidity, Python, HTML/CSS, SQL

Frontend: React.js, Tailwind CSS

Backend: Node.js, Express.js, MongoDB

Blockchain: Solidity(Basic), Move(Basic), Hardhat, MetaMask, Pinata Storage, Web3.Storage, Ethers.js

Tools: Git, GitHub, Postman, Canva, VS Code, Cursor, Claude, Copilot, ChatGpt, MS Office tools

DevOps: Vercel, Google Cloud, IPFS

Leadership / Extracurricular

Campus Ambassador – Repository

Jul 2025 – Present

- Promoted Web3 developer tools and mentored students on Community Engagement