

# MANOBENDRA MANDAL

Kolkata, West Bengal

☎ +91 89184 06988 ✉ [manovmandal@gmail.com](mailto:manovmandal@gmail.com) [in LinkedIn](#) [Github](#) [Portfolio](#)

## EDUCATION

**Sister Nivedita University, Kolkata**

2022 – 2025

*Bachelor of Computer Applications CGPA: 9.16*

Kolkata, West Bengal

*Courses: Data Structures, Operating Systems, Computer Networks, Object Oriented Programming, Database Management System*

## EXPERIENCE

**Newscope** [↗](#)

Oct 2024 – Jan 2025

*Role - Web Developer*

Remote

- Built the full-stack Newscope platform with **Next.js, Express, and MongoDB**, featuring a secure admin panel for content management.
- Developed an author onboarding workflow with **Nodemailer**.
- Managed full-stack deployment, building a responsive UI with **Tailwind CSS** and securing the backend with **REST APIs** and **JWT**.

## SKILLS SUMMARY

**Languages:** Python, C, C++, JavaScript, Rust, Java, Solidity

**Web & Blockchain:** React.js, Next.js, Node.js, Express, MongoDB, PostgreSQL, Ethereum, Solana, Tailwind CSS, Bootstrap, ethers.js, Wagmi, IPFS, The Graph

**Tools & DevOps:** Git, Docker, Socket.io, VS Code, Postman, Hardhat, Arcjet, Inngest, Pinata, Alchemy, Nodemailer

**AI/Automation:** OpenAI APIs, Gemini AI

## PROJECTS

**Fork Work** [↗](#) | Solidity, Next.js, ERC20, Wagmi, IPFS, Sepolia

Jun 2025 – Jul 2025

- Built a decentralized freelance platform enabling smart-contract-based gigs, contests, and on-chain reputation.
- Implemented skill-matching, bounty submission, and dispute prevention flows with gas-efficient Solidity.
- Won the ETHIndia track prize at Hack4Bengal 4.0 among 300+ participants.

**Chingu Finance** [↗](#) | Next.js, PostgreSQL, Inngest, Gemini AI

Jul 2025 – Present

- Built a full-stack finance tracker with budgeting, AI receipt parsing, and CSV/PDF exports.
- Added recurring transactions via Inngest and real-time balance sync across accounts.
- Implemented currency selection, Clerk auth, and Arcjet bot protection.
- Used Gemini AI to extract data from receipts and generate spending insights.

**PolyTix** [↗](#) | Solidity, NFTs, The Graph, Polygon, ethers.js

Jan 2025 – Apr 2025

- Built a decentralized voting dApp supporting token-gated, open, and registration-based campaigns.
- Secured voting via NFT-based access for voters and candidates.
- Used The Graph to index campaigns and voting data for efficient querying, with live on-chain results.

**Edu Legacy** [↗](#) | Solidity, Next.js, EDU Chain

Jan 2025 – Present

- Decentralized Smart Will system for programmable asset and scholarship inheritance.
- Integrated inactivity and milestone-based unlocks with signature verification.
- Won over \$10,000 in hackathon bounties and accepted into the Open Campus Incubator.

## CERTIFICATIONS

- **Hackerrank Certifications:** Advanced SQL, React.js, and Java.

## POSITIONS OF RESPONSIBILITY

- **Web Dev Team Lead, Skepsis Tech Club** (2024–25): Led development of internal platforms and official website.
- **Web Team Member, Zero Day Alliance** (2024–25): Built and maintained the official cybersecurity club site.
- **Guru (Educator), Web3 Wizards** (2024–25): Conducted smart contract workshops; onboarded students into Web3.

## ACHIEVEMENTS

- **1st Place – MetaMask Dev Cook-Off** (\$3000) Apr 2025 [↗](#)  
Developed “Linea Legacy”, a decentralized solution for securing and passing on digital and educational assets.
- **2nd Place – Core Hacker House India** (\$1500) Mar 2025 [↗](#)  
Built “Coro Tashi”, a liquid staking protocol on Core Chain.
- **Winner – AIA Chain Inaugural Hackathon** Dec 2024 [↗](#)  
Secured top spots with two projects in the consumer track.