

# SAMYA DEB BISWAS

## Blockchain Developer

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### Summary

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Full-stack Blockchain Developer experienced in building dApps and smart contracts using Solidity on Ethereum/Polygon. Skilled in React, Next.js, TypeScript, and Node.js, delivering secure, scalable, and user-friendly web3 applications. Strong focus on clean, efficient code and practical blockchain solutions.

### Skills

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**Programming Languages:** JavaScript, TypeScript, Solidity, C, C++, Python, HTML, Rust

**Frameworks:** React.js, Next.js, Node.js, Express.js, Tailwind CSS, Bootstrap, ShadCN

**Tools:** Git, GitHub, Docker, VS Code, Cursor, Recoil, Hardhat, RainbowKit

**Databases:** MongoDB, MySQL, PostgreSQL, Prisma, Firebase, SuperBase

### Awards & Certifications

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- **JGEC Sristi Techfest Hackathon Winner (2025):** Winner of the **JGEC Sristi TechFest Hackathon**, recognized for building an innovative full-stack blockchain solution.
- **East India Blockchain Summit 2.0 Hackathon (2025):** Selected among **2,000+** participants And made Stablecoin based Disaster Relief Solution.
- **On Block 2026 Hackathon (IIT Kharagpur):** Secured a position in the **Top 15** teams.
- **TMSL Educathon 2.0 Hackathon Finalist (2025):** Selected for **TMSL Educathon 2.0 Hackathon** among **1400+** participants across **200+** colleges.

### Experience

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#### Blockchain Developer Intern

Oct 2025 – Dec 2025

*Uplers (Remote)*

*Solidity, Hardhat, React.js*

- Developed and audited **Solidity smart contracts**, optimizing logic and reducing gas usage by **15%**.
- Integrated smart contracts with a **React.js frontend** using ethers.js for real-time dApp interactions.
- Implemented wallet authentication, transaction signing, and reusable UI components to improve UX.
- Collaborated with senior developers to debug and deliver scalable smart contract–frontend architecture.

### Projects

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#### Zentra – Microlending dApp | *Solidity, Polygon, Web3.js*

2025

- Built a full-stack decentralized microlending platform with on-chain loan creation, approval, and repayment workflows.
- Implemented a circle-based collateral model inspired by Grameen Bank to reduce default risk using smart contracts.

#### Relifo – Decentralized Relief & Donation Platform | *Blockchain, Smart Contracts*

2026

- Developed a transparent blockchain-based donation system ensuring traceable and tamper-proof fund distribution.
- Designed smart contracts to eliminate intermediaries and improve trust in disaster relief contributions.

#### OnMint – NFT Minting Platform | *Solidity, IPFS, Web3*

2026

- Built an NFT minting and management platform with wallet-based authentication and metadata storage on IPFS.
- Enabled creators to mint, view, and manage NFTs through a user-friendly decentralized interface.

#### ZenPay – Web3 Payment Solution | *Blockchain, Smart Contracts*

2026

- Created a decentralized payment system enabling peer-to-peer crypto transactions with minimal user friction.
- Focused on simplifying Web3 payments for everyday transactions using secure on-chain logic.

### Education

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#### B.Tech. Computer Science & Engineering

Graduated: 2028

*Government College Of Engineering And Leather Technology, Kolkata*

*CGPA: 7.0 / 10*