

AMIYA CHOWDHURY

Senior Blockchain Developer

Solidity • Rust • Tact • Solana • TON Ecosystem Expert

☎ +91-8597398844

✉ amiyachowdhury04@gmail.com

🐙 GitHub

🌐 LinkedIn

PROFESSIONAL SUMMARY

Results-driven Senior Blockchain Developer with **3+ years** of expertise in designing and deploying production-ready decentralized applications across **Ethereum, Solana, and TON ecosystems**. Proven track record of delivering **high-impact blockchain solutions** including DEXs, DAOs, ICO modules, and cross-chain gaming platforms. Expert in **Rust, Solidity, and Tact** with demonstrated ability to optimize smart contracts for **gas efficiency and security**. Strong experience in **team leadership, mentoring**, and delivering projects that drive business growth and user engagement.

CORE COMPETENCIES

- **Blockchain Platforms:** Ethereum, Solana, TON, Polygon, Binance Smart Chain
- **Programming Languages:** Rust, Solidity, Tact, JavaScript/TypeScript, Java, C
- **Smart Contract Development:** DeFi Protocols, DEX, DAO Governance, Staking, ICO/IDO, NFTs
- **Development Frameworks:** Anchor (Solana), Hardhat, Truffle, React.js, Node.js, Express.js
- **Web3 Integration:** Web3.js, Ethers.js, Wallet Connectivity (MetaMask, Phantom, WalletConnect)
- **Database & DevOps:** MongoDB, PostgreSQL, Redis, Docker, Git, GitHub Actions, Linux
- **Security & Testing:** Smart Contract Auditing, Unit Testing, Gas Optimization, Vulnerability Assessment

PROFESSIONAL EXPERIENCE

Senior Blockchain Developer

Jan 2024 – Present

Webskitters Technology Solutions Pvt. Ltd.

Kolkata, India

- **Led development** of complex blockchain gaming ecosystems using **Rust and Tact**, resulting in **successful deployment** of 3 major projects across Solana and TON networks
- **Architected and implemented** comprehensive smart contract suites for tokenomics, DEX functionality, DAO governance, and staking mechanisms, **handling \$2M+ in total value locked (TVL)**
- **Delivered POLPICK:** Decentralized betting platform on Polygon with **10,000+ active users**, featuring real-time odds calculation and secure fund management
- **Built MMORPG platform:** Cross-chain gaming application integrating Ethereum and Solana, enabling seamless token swaps and **reducing transaction costs by 40%**
- **Currently developing JACKCOIN:** Multi-chain game ecosystem (Solana + TON) with real-time staking, DAO governance, and **projected \$5M+ market cap at launch**
- **Collaborated with cross-functional teams** to integrate smart contracts with React-based frontends and RESTful APIs, **improving deployment efficiency by 50%**
- **Implemented security best practices** including comprehensive testing, code audits, and gas optimization, **achieving 99.9% uptime** across all deployed contracts

Blockchain Developer

Aug 2022 – Dec 2023

Code Partner Blockchain Solutions

Kolkata, India

- **Delivered mainnet deployments** for Omax, Cppay, and Crownico projects on Ethereum-compatible blockchains, **managing \$1M+ in total transactions**
- **Contributed to core infrastructure** development including CIC Mainnet, bridge integrations, and on-chain APIs, **supporting 50,000+ daily transactions**
- **Deployed and maintained** secure Linux-based blockchain servers and test nodes, **achieving 99.8% uptime** and zero security incidents
- **Troubleshoot critical production issues** and developed monitoring utilities, **reducing system downtime by 60%** and improving overall reliability
- **Enhanced team capabilities** through DevOps best practices implementation and knowledge sharing, **increasing team productivity by 35%**

KEY PROJECTS & ACHIEVEMENTS

POLPICK - Decentralized Betting Platform | Production

- **Technologies:** Solidity, Polygon, React.js, Node.js, MongoDB, MetaMask Integration
- **Impact:** 10,000+ active users, \$500K+ betting volume, 99.9% uptime since launch
- Implemented secure betting logic with real-time odds calculation and automated payout system
- Integrated multiple wallet providers for seamless user onboarding and transaction processing

JACKCOIN - Multi-Chain Gaming Ecosystem | In Development

- **Technologies:** Rust, Anchor, Tact, Solana, TON, Cross-chain Bridge, DAO Governance
- **Scope:** Complete DeFi ecosystem with DEX, staking, governance, and gaming integration
- Developing custom tokenomics with deflationary mechanisms and yield farming capabilities
- Building cross-chain bridge for seamless asset transfers between Solana and TON networks

Refer & Earn - Web3 Referral Platform | Personal Project

- **Technologies:** Solidity, Ethereum, React.js, Web3.js, IPFS, Smart Contract Automation
- Built comprehensive referral system with blockchain-backed reward distribution
- Implemented automated smart contract triggers for instant reward processing
- Deployed on decentralized infrastructure with IPFS storage for maximum decentralization

EDUCATION & QUALIFICATIONS

B.Tech in Information Technology

Government College of Engineering and Textile Technology

2018 – 2022

Serampore, West Bengal

GATE Qualified - Computer Science

2023

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- **Full Stack Blockchain Development Bootcamp** - CodeEater Technologies (Nov 2023)
- **Advanced JavaScript & Web3 Certification** - Self-Paced Learning (2022)
- **Complete MERN Stack Development** - Apna College (Ongoing)
- **Smart Contract Security Auditing** - OpenZeppelin Security Course (2023)

AWARDS & RECOGNITION

- **Best Emerging Blockchain Developer 2023** - Web3 NextFest Conference
- **2nd Place - Hack the Chain 2024** - Built complete Solana staking DApp in 48 hours
- **Top 10% Performer** - Consistently recognized for exceptional project delivery and innovation
- **Innovation Award** - Developed novel cross-chain bridging solution reducing gas costs by 40%

LEADERSHIP & SOFT SKILLS

- **Technical Leadership:** Led teams of 5+ developers, mentored junior developers, conducted code reviews
- **Project Management:** Agile/Scrum methodologies, stakeholder communication, timeline management
- **Communication:** Technical documentation, client presentations, cross-functional collaboration
- **Innovation:** Research-driven approach, rapid prototyping, emerging technology adoption