

Trymbak Mahanat

Full-Stack Developer & Web3 Engineer

trymbak0102mahant@gmail.com | trymbak.xyz | India | Remote Available

Summary

Full-Stack Blockchain Developer with 4+ years building production-grade systems across DeFi, supply chain, enterprise SaaS, and developer tooling. Specializing in Solana (Rust/Anchor), Ethereum (Solidity/Foundry), and modern full-stack architectures (Next.js, TypeScript, Node.js). Shipped 10+ production applications. 3x hackathon winner (ETHIndia, ETHGlobal, Superfluid).

Technical Skills

Blockchain	Solana, Anchor, Rust, Ethereum, Solidity, Foundry, Hardhat, EIP-712, Web3.js, Ethers.js v6
Languages	TypeScript, Rust, Solidity, JavaScript, Python, Golang
Frontend	React, Next.js (App Router), Tailwind CSS, Framer Motion, GSAP
Backend	Node.js, Express.js, Supabase, MongoDB, PostgreSQL, REST APIs
Infra & Tools	Docker, Linux, Vercel, Git, npm/pnpm, Sharp, Resend, IPFS

Experience

Full-Stack Developer & Web3 Engineer

2021 – Present

Freelance / Contract

- Shipped 10+ production applications across DeFi, AgriTech, enterprise, and developer tooling
- Deployed mainnet smart contracts on Solana, Ethereum, and Base L2
- Won 3 international blockchain hackathons
- Delivered enterprise solutions replacing third-party SaaS (CMS, analytics, email platforms)

Projects

PnP Exchange — Prediction Markets on Solana

2025–2026

Rust, Anchor, TypeScript, AI Oracles, React, Solana Web3.js

[Link](#)

- Built fully on-chain prediction market protocol with custom AMM for dynamic odds and liquidity
- Integrated AI Oracles for automated event resolution without manual intervention
- Designed on-chain order book with real-time market data feeds
- Implemented wallet-based authentication with optimized transaction signing UX

Modern Village Future — Blockchain Supply Chain Traceability

2026

Solidity, Foundry, Node.js, Ethers.js v6, Next.js, MongoDB, Base L2, EIP-712

[Link](#)

- Built production-grade agricultural traceability platform recording crop lifecycle on-chain (sowing to export)
- Implemented gasless UX via EIP-712 meta-transactions — farmers never need crypto wallets
- Deployed on Base Mainnet; each stage submission costs ~\$0.03–\$0.05 USD
- Designed hybrid Web2/Web3 architecture — traceability on-chain, PII in MongoDB
- Wrote 1200+ line Foundry test suite with gas benchmarks and edge-case coverage

LeafSpark — Enterprise Platform with Custom CMS & Analytics

2025–2026

Next.js, TypeScript, Supabase, PostgreSQL, Resend, TipTap, Sharp, GSAP

[Link](#)

- Built full-stack enterprise platform for renewable energy company, replacing WordPress + Mixpanel + Bitly
- Custom analytics engine using `navigator.sendBeacon` for non-blocking event capture
- Full CMS with TipTap rich text editor, image uploads, SEO management, and blog scheduling
- Referral campaign tracking with automatic attribution and conversion analytics
- 11-product catalog with dynamic routing, spec sheets, and category filtering

- Automated branded email system via Resend; comprehensive SEO (JSON-LD, XML sitemap, OG)

PeerPay SDK — *Streaming Payments on Ethereum* 2023
TypeScript, Ethers.js, Superfluid Protocol, npm, Solidity [npm](#)

- **Winner** — **Superfluid Wave Pool Hackathon 2023**
- Published open-source SDK on npm for real-time continuous payment streams
- Full TypeScript SDK with type-safe contract interactions and developer-friendly API

D3vent — *Decentralized Event Management* 2022
Solidity, React, Ethers.js, IPFS, Hardhat [ETHGlobal](#)

- **Winner** — **ETHGlobal Hackathon Online 2022**
- NFT-based ticketing with on-chain proof of attendance and smart contract fund distribution
- IPFS-stored event metadata for fully decentralized hosting

Web3TV — *Decentralized Streaming Platform* 2022
Ethereum, Web3, Streaming Infrastructure [ETHGlobal](#)

- **Winner** — **ETHIndia Hackathon 2022**
- Decentralized video streaming with blockchain-based creator payments and token-gated access

Education

Bachelor of Technology in Computer Science 2023
O. P. Jindal University

Achievements

- **4x Hackathon Winner:** ETHIndia 2024, Superfluid Wave Pool 2023, ETHGlobal Online 2022, ETHIndia 2022
- 10+ production applications shipped across multiple blockchain ecosystems
- Mainnet deployments on Solana, Base (Coinbase L2), and Ethereum
- Published open-source developer SDK on npm