Madhu Sahitya

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Web3 Developer | Solidity, Rust, Go | Smart Contracts & Cross-Chain Infrastructure

SUMMARY

Web3 Developer with hands-on experience in **Solidity, Rust, and Go**, specializing in DeFi protocols, smart contracts. Strong in **self-learning, documentation, and async remote work** (GitHub, Discord, Jira). Focused on **automation, transparency, and impactful blockchain design**.

PROJECTS & EXPERIENCE

MetaCard YieldFlow | DeFi Yield Aggregator with NFT Reputation [Live Demo] [GitHub Repo]
Tech: React, TypeScript, Node.js, Solidity, Hardhat, n8n, Tailwind CSS

- Built a decentralized app (dApp) for automated yield distribution & NFT-based reputation, handling 500+ testnet transactions.
- Deployed & tested smart contracts (ReputationNFT, YieldFlow) on Ethereum Sepolia, reducing gas costs by 15% via optimization.
- Integrated MetaMask for Web3 auth and automated backend workflows with n8n, improving payout efficiency by 30%.
- Designed responsive UI with Tailwind CSS & set up CI/CD via GitHub Actions + Vercel.

SolanaLotto | Decentralized Web3 Gaming | Next.js, React, Solana, Anchor [Github Repo]
Tech: Next.js, React, Solana, Anchor, Phantom Wallet

- Developing a fully on-chain lottery DApp with real-time UI updates and secure transactions via Phantom Wallet.
- Implementing Rust-based smart contracts for fairness & transparency.

Independent Web3 Builder | Remote | Jun 2024 – Present [Github Repo]

- Contributing to **open-source Web3 projects**, including a **Solana-based lottery**, to deepen Rust/Solidity expertise.
- Experimenting with cross-chain bridges (LI.FI SDK, Chainlink CCIP**)** for interoperability.
- Collaborated remotely via GitHub, Discord, and async standups.

TECHNICAL SKILLS

- **Blockchain:** Solidity, Rust, Ethereum, Solana, Cosmos, Hardhat, Anchor, Chainlink CCIP
- **Languages:** Go, TypeScript, JavaScript
- **Frontend:** React, Next.js, Tailwind CSS
- **Backend:** Node.js, Express, REST APIs
- **Tools:** Ethers.js, Web3.js, IPFS, Metamask SDK, LI.FI SDK, n8n

CERTIFICATIONS

- Learn Everything About Solidity – RiseIn [Certificate]
- Rust Programming for Smart Contracts – RiseIn
- Learn Everything About Solana – RiseIn
- Developing REST APIs with Go – Google Cloud Skills Boost
- Docker for Developers – Google Cloud Skills Boost
- Kubernetes on AWS – Google Cloud Skills Boost

EDUCATION

Presidency University, Bangalore
Bachelor of Technology, Computer Science (Blockchain Specialization)
Nov 2022 – June 2026