Sainath Reddy

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SUMMARY

Backend engineer building production backend systems, blockchain infrastructure, and developer tooling in Rust. I design and operate services and REST APIs and turn ambiguous problems into reliable, production systems.

EXPERIENCE

Backend Developer
Garden Finance — Sep 2024 – Present · Remote

- Led blockchain integrations for Starknet, Solana, and XRPL, extending Garden's cross-chain infrastructure to support new settlement and execution workflows.
- Architected and implemented the V2 API for Garden's intents-based cross-chain protocol with a modular backend design that simplified protocol integrations and future feature development.
- Built the V2 solver infrastructure with automatic rebalancing, dynamic pricing, and hedging, integrating liquidity across Binance, Jupiter, CoW Swap, Uniswap, Astra Markets, and multiple LP strategies.
- Led code reviews and established backend development best practices to keep code quality and security high across services.

Co-Founder
The Circle Company — Aug 2025 – Present · Remote

- Worked directly with founders to design, build, and launch production products across web, mobile, and AI, delivering 40+ client projects end to end.

Full-Stack Intern
EVeez — Jul 2024 – Oct 2024 · Remote

- Built and maintained EVeez's internal service-management app and subscriber dashboard, working across both frontend (React, TypeScript) and backend.

OPEN SOURCE

- **software-mansion/starknet-rust** (merged): Unified duplicate BlockId types in the provider crate (−51 LOC net); fixed a nightly Clippy failure that was breaking CI for all contributors.
- **atomiqlabs/atomiq-lp-lib** (merged): Diagnosed and fixed a 1000× pricing bug caused by an mSat/µSat unit-scale mismatch in a price-feed provider.
- **atomiqlabs/atomiq-chain-starknet** (merged): Added DeployedStarkCurveWallet with on-chain signature verification for already-deployed accounts.
- **atomiqlabs/atomiq-sdk** (open): Reported and proposed a fix for a silent correctness bug where a trusted swap built its funding transaction with the wrong amount field and passed its own sanity check.

PROJECTS

wharfnet
Rust

- One-command tool for reproducible local blockchain networks for integration tests and CI; ships a CLI and Rust testkit library, plus CI, docs, and a per-chain block explorer.

oryn.fi
Solidity, Pyth, Uniswap V3

- CDP protocol to borrow a stablecoin against Uniswap V3 LP position NFTs as collateral.

OneSat
TypeScript, Rust, Cairo

- One-click Bitcoin yield bridging sats to Starknet for DeFi.

AWARDS & HONORS

ETHGlobal New Delhi 2025 — Most Innovative Use of Pyth Oracle.

Starknet Re{solve} — Vesu Prize & Atomiq Prize.

Team1 Hackathon, Hyderabad — 2nd Place. · Avalanche India Pitch Day, Goa — 3rd Place.

SKILLS

Languages: Rust, TypeScript, JavaScript, Solidity, Cairo

Backend & Systems: REST APIs, Distributed Systems, System Design, PostgreSQL, Redis, Node.js

Infrastructure: Docker, Git, CI/CD

Blockchain: Bitcoin, Starknet, Solana, XRPL, Atomic Swaps, Solver Systems

Frontend: React, Next.js

EDUCATION

B.Tech, Computer Science and Engineering
G. Pullaiah College of Engineering and Technology 2021 – 2025 · CGPA 8.1