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Open to remote contract or full-time roles.

Summary

Founding Solidity / full-stack engineer on immutable stablecoin infrastructure (RAI Dollar), with prior external-contract and protocol work across restaking, Liquity-style CDPs, oracles, and cross-chain systems. Comfortable owning contracts end-to-end: architecture, Foundry tests, audit remediation, deployment, and keeper/ops tooling.

Skills

Languages: Solidity, TypeScript/JavaScript, Rust, Bash

Frameworks / tooling: Foundry, Hardhat, MUD, Tenderly, AWS, LayerZero, Chainlink

Domains: DeFi stablecoins, CDPs / troves, oracles, liquidations, redemptions, keepers, cross-chain messaging, mainnet-fork testing

Experience

Founding Engineer (Solidity / Full-Stack), RAI Dollar — Jun 2025 – Present

Immutable multi-collateral stablecoin protocol (RD); Liquity-derived CDP with RAI-style par/rate control. Currently under audit; mainnet deployment targeted for Q1 2027. https://www.raidollar.tech/

- **Architecture:** Co-designed and implemented core protocol behavior across multi-collateral branches (WETH, LSTs, BTC wrappers, PAXG, etc.), interest accrual (“drip”), Stability Pool liquidations, and basket-weighted redemptions.
- **Oracles / peg:** Built and iterated market/oracle paths (Uniswap v4 RD markets, aggregators, rate/par PI control) so borrowing rates and redemption target respond to secondary-market price without a custodian peg.
- **Shutdown:** Designed and implemented branch shutdown logic (oracle failure, TCR < SCR, collateral transfer failure), including blocked ops, clean exits, ramped shutdown redemptions, and reserve sweeps.
- **Redemption Shield:** Worked on dual-list / dual-pool accounting so borrowers can opt out of normal redemptions at a higher rate.

- **Testing:** Expanded unit, integration, and mainnet-fork coverage against real external dependencies; audit-prep and regression hardening.
- **Ops tooling:** Built keeper bot (profitable maintenance / shutdown calls), Tenderly Timekeeper (AWS) for fork time alignment, and contributed to liquidation/arb bot (rai-bot) strategy surface.
- **Repos:** https://github.com/rai-dollar/core · https://github.com/rai-dollar/keeper · https://github.com/rai-dollar/rai-bot

Smart Contract Developer (External Contract), YieldNest — Aug 2024 – Present

External contractor (not an employee)—engaged for overflow Solidity work on restaking / LRT and cross-chain infrastructure when the internal team was overloaded.

- **Cross-chain:** Built and maintained LayerZero-based cross-chain token deployment contracts and scripts for YieldNest assets across multiple EVM networks.
- **Protocol:** Contributed to YieldNest protocol / ynEIGEN-style restaking work, including deployment tooling and integration with restaking vault patterns (e.g. Karak / EigenLayer-adjacent flows).
- **Vaults & keepers:** Worked on Max Vault and vault-keeper Solidity for operational maintenance of vault positions.
- **Airdrops:** Implemented and tested airdrop contracts and deployment scripts.
- **State relay:** Contributed to cross-chain state relay (LayerZero transport, deployment with timelocked proxy admins).
- **Repos:** https://github.com/yieldnest/yieldnest-cross-chain · https://github.com/yieldnest/yieldnest-airdrop · https://github.com/yieldnest/yieldnest-vault · https://github.com/yieldnest/yieldnest-state-relay

Smart Contract Developer, Nerite — Apr 2025 – Jun 2025

- **Development:** Liquity V2–derived stablecoin; final-stage Solidity work, collateral-branch testing, deployment readiness, and production-oriented fork testing. https://www.nerite.org/

Solidity Engineer / Game Designer, Treasure DAO — Jan 2025 – Mar 2025

- **Development:** Built smart contracts and frontend integration using MUD for an on-chain Tamagotchi-style game (project cancelled; Treasure DAO wound down; private/unpublished repo).

Solidity Engineer, OpenDollar — Feb 2024 – Jul 2024

- **Integration:** Encoder/decoder for Seaport Shipyard core for use with a custom Seaport zone. https://github.com/open-dollar/shipyard-core · https://github.com/open-dollar/od-seaport-zone
- **Integration:** Custom Seaport zone for safe trade of NFTs with dynamic traits. https://github.com/open-dollar/od-seaport-zone
- **Integration:** OpenDollar oracles / relayer integrations with Pendle and GMX. https://github.com/open-dollar/od-relayer-defi-integrations
- **Governance:** Governance tooling / CLI. https://github.com/open-dollar/od-

governance-manager · https://github.com/open-dollar/od-gov-proposal-app
- **Integration:** Custom vault saviour for Arbitrum DAO. https://github.com/open-dollar/treasury-backed-cdp-savior
- **Development:** Helped design and build OpenDollar contracts and testing suites. https://github.com/open-dollar/od-contracts

Smart Contract Developer, Raid Guild — Sep 2021 – Present

- **Development:** Contributed to Evro Finance (Raid Guild client) — Liquity v2–derived multi-collateral stablecoin: collateral branches, audit remediation (oracles, Stability Pool, Trove NFT), deployment/hardening. https://github.com/evro-finance/evro
- **Development:** MUD smart contracts for on-chain RPG Ultimate Dominion. https://github.com/raid-guild/ultimate-dominion
- **Integration:** Chainlink CCIP messaging for zk / ERC-6551 contracts.
- **Development:** OAuth email client using zk-proofs to authorize users.
- **Development:** Gitcoin × Lens voting integration. https://github.com/supermodularxyz/quadratic-lenster
- **Integration:** MetaStreet vault listing on Seaport (private repo).