

LUCAS VINZON

Protocol & Full-Stack Engineer

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SUMMARY

Engineer across the whole stack of a Move-based L1: framework internals in Move and Rust, contracts on two very different VMs holding real money, and the production apps people put funds through. At Movement since before testnet, where I am the main maintainer for bridging and multisig security and set the practices those systems are held to. Self-taught, and most of what I have shipped started as something nobody asked for. Nothing I have deployed, on-chain or off, has ever been exploited.

TECHNICAL SKILLS

Languages: Move, Solidity, Rust, TypeScript, Python

Contracts & security: Foundry, Hardhat, Aptos framework, LayerZero V2, Circle CCTP, multisig operations, timelocks, upgrade paths, property-based fuzzing, audit remediation

Product & infra: Next.js, React, wagmi, Aptos SDK, Playwright, Docker, AWS, Terraform, relayers, indexers, observability and alerting

EXPERIENCE

Move Industries / Movement Labs • Protocol & Full-Stack Engineer Nov 2023 - present

- Adding a timelock account type and property-based fuzzing to the Movement framework, in Move and Rust. The fuzzer runs inside Move's own test attribute and shrinks failures to a minimal counterexample.
- Main maintainer for bridging and multisig security. I set how contracts get deployed and upgraded, push the privileged transactions that change production, and review everyone else's changes to both.
- Upgraded MOVE to a LayerZero OFT on a live token, with real supply and holders, without downtime or loss.
- Wrote the USDCx Move module for canonical USDC and took it through internal audit. Built the Circle CCTP relayer in Rust, and rewrote its watchdog to catch silently dead connections.
- Designed and built the canonical Ethereum to Movement bridge. Took the redesign from an atomic HTLC model to lock-and-mint through governance first, then implemented it on both chains with rate limiting, refunds and timelocks.
- Primary frontend engineer across Movement's production apps: the bridge, the multisig, Movescan, and the analytics dashboard I built from its first commit. On the bridge I shipped the first ETH to MOVE flow, fixed the rounding and quote bugs that were costing users money, and halved query time on the main quote path.
- Owned the testnet faucet and its Discord bot, built Movewright for wallet E2E testing, and wrote the SRE runbooks and 12 MIP and RFC documents.
- 237 pull requests authored, 182 reviewed, across 30+ repositories.

Nora Finance • Smart Contract Engineer & Advisor 2026 - present

- Sole author of the EVM side of BRS, a stablecoin that has to exist on several chains at once. Built the OFT ERC-20 on LayerZero V2 and the security CI the contracts ship through. Runs alongside my work at Movement.

UpDown • Smart Contract Engineer & Development Lead Jun 2023 - Oct 2023

- Coordinated development and wrote the contracts for a market where users bet on whether a token price goes up or down. Rounds resolve offchain and settle on-chain through one merkle root per epoch, with users claiming against a proof.
- Upgradeable contracts with pause and reentrancy guards, Supra pull-oracle feeds, and multi-token rounds. Assisted on frontend and backend.

Degis • Smart Contract Engineer 2021 - 2023

- Rebuilt the lottery as V2 and wrote the shield protection contracts for a DeFi insurance protocol, plus NFT staking with Merkle-proof allowlists. Wrote the test suites and reviewed teammates' contracts before deploy.

Independent • Full-Stack Web3 Developer 2021 - 2023

- Built Molek, an NFT marketplace whose trading contract reclaimed royalties from abandoned projects, and founded smolmints, a launchpad with a bespoke contract per collection.
- Launched Tokyo Rebels to rebuild a community whose previous project had stolen three million dollars from it. The mint was free, but routed part of the gas spend to the treasury.
- Built Pro Arena, analytics for StarsArena, and migrated its data layer from Arkiver and MongoDB to Express and MySQL mid-flight. Helped stop a live hack on the platform.

OPEN SOURCE

aptos-labs/aptos-core (underflow fix, counterparty lock verification, rate limiter, fuzz tests), LayerZero-Labs/devtools (rate limiting on incoming funds), ThalaLabs/surf, fcscob/maldon, ethereum-lists/chains. Personal: a Move MCP server and hypercore-helper for Hyperliquid.

EDUCATION & LANGUAGES

Universidade Federal Fluminense, B.A. Film & Audiovisual (2014-2018). Exchange student at Dankook University, Seoul (2016-2017). MLH Pre-Fellowship (2021).

Portuguese (native) • Spanish (fluent) • English (fluent) • Mandarin (intermediate)