

ANÍBAL CATALÁN FAÚNDEZ

Senior Blockchain / Smart Contract Engineer (Solidity) · DeFi · CTO

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PROFESSIONAL SUMMARY

Blockchain engineer with 8+ years building on Ethereum, from smart-contract development to protocol architecture and engineering leadership. Deep Solidity experience across DeFi vaults, AMMs, options, lending pools, DAOs and cross-chain messaging (LayerZero). Track record at leading crypto organizations including ConsenSys, Aave and Jones DAO, and currently CTO of a Web3 startup. Comfortable owning the full lifecycle: contract design, security-minded implementation, DevOps/SRE and team leadership. Native Spanish, professional English; available for remote roles worldwide.

CORE SKILLS

Solidity: EVM, Foundry (fork, fuzz & live tests), Gas optimization, Security: reentrancy, slippage, TWAP & stale-price guards, Role-based access (governor / operator / keeper), Keeper-driven state machines & async callbacks

Standards & Patterns: ERC-20 / 721 / 1155, ERC-4626 vaults, Transparent & Beacon proxies, ERC-2535 Diamond, ERC-1167 clones, CREATE3 deterministic deploys, EIP-712 signatures, Merkle proofs

DeFi: Vaults & auto-compounders, Concentrated liquidity (Uni V3, Algebra, Velo), Leverage & lending strategies, Options (Dopex SSOV, Valorem), GMX V1 / V2 (GLP, GM, GLV), Liquid staking derivatives, Vote incentives (Aura, Hidden Hand), Staking (MasterChef)

Cross-chain & Oracles: LayerZero OFT / OFTV2, Stargate, Socket, Multichain deploys (10+ EVM networks), Chainlink + L2 sequencer feeds, Pyth, DIA, Uniswap TWAP

Tooling & Infra: Web3.js / Ethers, Node.js, TypeScript, Python, Microservices, DevOps, SRE, CI/CD

Leadership: Software Architecture, Technical Lead, Scrum / Agile, Mentoring, Roadmap ownership

EXPERIENCE

Chief Technology Officer | [Anyenk](#)

Feb 2025 – Present

Remote

- Own the technology vision and architecture of the platform, leading engineering strategy and delivery.
- Architected and shipped a non-custodial ERC-4337 multisig smart-account wallet: a customer N-of-M quorum plus independent custody keys (AWS KMS and a neutral third party), enforced on-chain by a weighted validator.
- Define smart-contract design, infrastructure and security standards across the product.

Senior Solidity Developer | [Jones DAO](#)

Nov 2022 – Feb 2025

Remote

- Built Smart LP: automated concentrated-liquidity vaults across 15 DEXes and 10 networks behind a single abstraction layer of beacon proxies.
- Built the jGLP / jUSDC leveraged vaults on GMX (peak ~\$20M TVL) and rebuilt jUSDC as an ERC-4626 lending hub for GMX V2 strategies (jGM, wjGLV).
- Built jAURA, an AURA auto-compounder with a LayerZero OFT token, multichain deposits and Stargate bribe bridging.
- Built Metavaults: Bull / Crab / Bear LP vaults buying options every epoch, behind an ERC-2535 Diamond router.

Site Reliability Engineer | [Notabene](#)

Apr 2022 – Mar 2023

New York City Metropolitan Area (Remote)

- Supported a crypto-compliance platform bridging VASPs and regulators with traditional finance.
- Improved reliability, monitoring and operational tooling for production systems.

Scrum Master & Technical Lead | [Crypto Barter](#)

Apr 2021 – Apr 2022

Santiago, Chile

- Led the technical team of a blockchain digital-asset hedge fund for Chile and Latin America.
- Ran Agile ceremonies and coordinated delivery across engineering and product.

Blockchain Developer (Solidity) | [Aave](#)

Mar 2019 – Oct 2019

London, United Kingdom (Remote)

- Developed Solidity components for DAOs, lending pools and token contracts.
- Built blockchain monitors to track on-chain protocol activity.

Blockchain Developer (Solidity) | [Token Foundry](#) / [ConsenSys](#)

Apr 2017 – Dec 2018

Brooklyn, New York (Remote)

- Designed and shipped smart contracts, tokens, wallets and supporting microservices.
- Advised blockchain startups on token design, sale design and diligence for token-sale processes.
- Built EtherLoan, a peer-to-peer lending protocol letting users create custom loan agreements without intermediaries.

EDUCATION

Teleatics Engineer | [Universidad Técnica Federico Santa María \(UTFSM\)](#)

2009 – 2016

CERTIFICATIONS & LANGUAGES

- Blockchain: Foundations and Use Cases · Machine Learning · Intro to Python for Data Science

Languages: Spanish (native) · English (professional working)