

Contact

davidpotolskilafeta@gmail.com

www.linkedin.com/in/
davidpotolskilafeta (LinkedIn)
davidpotolski.com (Other)

Top Skills

AI-Assisted Engineering
Blockchain
Project Management

Languages

Portuguese (Native or Bilingual)
English (Full Professional)

Certifications

Agile Software Development:
Remote Teams
Advanced Solidity: Understanding
and Optimizing Gas Costs
Agile Software Development: Code
Quality
Ethereum Blockchain Developer
Bootcamp With Solidity
Planning and Releasing Software
with JIRA

Honors-Awards

First Place at "Truth on Sui" On-site
Hackathon in Dubai by SuiHub

David Potolski Lafetá

Senior Blockchain Engineer & Senior Technical Lead | AI Tools & AI-Assisted Engineering | Smart Contracts · zk · DeFi
Florianópolis, Santa Catarina, Brazil

Summary

Senior Blockchain Engineer and Senior Technical Lead with 8+ years of software development, shipping smart contracts, DeFi protocols, and zk infrastructure across multi-chain ecosystems, combining hands-on engineering depth with technical leadership and AI-assisted delivery.

Some Accomplishments

- \$20M+ in capital covered through Lunos DeFi insurance smart contracts
- Coordinated the zkSYS testnet launch and multi-chain architecture (UTXO + EVM + zk)
- Led smart contract engineering on Lunos with EigenLayer AVS integration
- Shipped production contracts on Ethereum(and L2s), Solana and Syscoin
- 1st place, SuiHub "Truth on Sui" (solo project) on-site hackathon (Dubai)

Core Capabilities

- Senior blockchain engineering: smart contract design, security, gas optimization
- Senior technical leadership: architecture-to-roadmap, cross-team alignment, release execution
- AI-assisted engineering: multi-agent orchestration and LLM-driven workflows
- Multi-chain architecture: UTXO, EVM, zk, and cross-chain integrations

- Technical project management across protocol, application, and product layers

Technologies

Solidity · TypeScript · Node.js · Hardhat · Foundry · Ethers.js
EVM · UTXO · zkSync · Validium · EigenLayer / AVS
Ethereum · Solana · Syscoin · Rollux

AI Tools & Workflows

I'm currently using Claude Code with multi-agent orchestration + context-mode for optimized use. Cursor as my IDE (just because I was already using before I migrated to Claude Code). My workflow includes LLM-assisted code generation and review, test generation, and documentation. Everything is reviewed by me before being pushed to git.

Let's talk

davidpotolskilafeta@gmail.com
davidpotolski.com

Dual citizen: Brazil + Poland

Experience

Kmino

Co-Founder

July 2025 - Present (10 months)

Co-founded Kmino to design, build, and launch our own products across Web3, Fintech, and AI. Lead engineering and technical direction with AI-assisted engineering embedded across the workflow.

Responsibilities:

- Set technical direction, architecture standards, and delivery model across all products
- Lead product scoping, engineering hiring, and day-to-day team operations
- Own the AI-assisted engineering playbook — multi-agent orchestration with Claude Code MAX (context-mode), Codex, and Cursor across design, implementation, review, testing, and documentation
- Drive product roadmap and positioning alongside my co-founder

Key contributions:

- Established Kmino as a product studio building in Web3, Fintech, and AI (products currently in development)
- Built AI-assisted engineering workflows that compress scoping-to-delivery cycles without compromising quality

Stack: Solidity · TypeScript · Node.js · React Native · LLM tooling

Syscoin

3 years 1 month

Core Technical Lead

December 2023 - Present (2 years 5 months)

Led technical direction across Syscoin's multi-layer ecosystem: from application-layer DeFi and wallet products (Pegasys, Pali Wallet) to core infrastructure and zk scaling (zkSYS, Rollux, core UTXO).

Responsibilities:

- Set technical direction and delivery roadmap across engineering, product, and research teams
- Ran sprint planning, stakeholder alignment, and cross-team dependency management
- Owned architectural decisions spanning protocol, application, and product layers
- Embedded AI-assisted workflows (Claude Code MAX multi-agent orchestration, Codex, Cursor) for specification drafting, code review, and technical documentation

Key contributions:

- zkSYS & Rollux — core infrastructure
- Coordinated the launch of the zkSYS testnet
- Led cross-functional alignment for a multi-chain architecture combining UTXO + EVM + zk
- Scaled Syscoin as a modular blockchain combining Bitcoin security, EVM compatibility, and zk scalability

- Pegasys.fi (Uniswap v3 + Aave forks on Syscoin & Rollux)
- Directed DeFi protocol engineering and delivered Aave-fork extensions
- app.pegasys.fi · github.com/pegasys-fi

- Pali Wallet (non-custodial wallet — browser extension + mobile)
- Managed extension and mobile wallet development
- paliwallet.com · github.com/syscoin/pali-wallet

Stack: zkSync stack · Solidity · TypeScript · EVM · UTXO · cross-team program management · Blockchain

Senior Blockchain Developer

April 2023 - December 2023 (9 months)

Senior blockchain engineer focused on smart contract design and implementation for Syscoin-ecosystem initiatives. Including reinsurance (UnoRe) and on-chain KYC / DID infrastructure.

Responsibilities:

- Owned smart contract design, implementation, testing, and deployment for ecosystem projects
- Translated product requirements into on-chain architecture and gas-optimized implementations

Key contributions:

- Pegasys.fi (Uniswap v3 + Aave forks on Syscoin & Rollux)
- Managed DeFi protocol engineering and delivered Aave extensions
- app.pegasys.fi · github.com/pegasys-fi

- Lunos — core smart contracts (<https://lunos.xyz>)
- Designed and implemented core contracts for decentralized reinsurance

- Led integration with EigenLayer's AVS (Actively Validated Services)
- On-chain KYC / DID (unreleased)
- Built a Decentralized Identity solution integrated with KYC providers to resolve primary and secondary NFT sale compliance on-chain

Stack: Solidity · TypeScript · Hardhat · Foundry · multi-chain · DeFi

Lunos DAO

Blockchain Developer

August 2024 - April 2026 (1 year 9 months)

Blockchain engineer building decentralized risk management infrastructure for Web3: automated, trustless insurance coverage for digital assets without intermediaries.

Responsibilities:

- Redesigned the smart contract architecture for scalability, security, interoperability, and gas efficiency
- Owned protocol design, Solidity implementation, and cross-chain integration
- Used Claude Code, Codex, and Cursor for contract analysis, test generation, and gas optimization

Key contributions:

- Contributed to systems covering \$20M+ in underwriting capacity
- Delivered architectural improvements that enhanced protocol scalability and reduced gas costs
- Pitched Lunos to investors at Ethereum's biggest conference (DevCon)

Stack: Solidity · Hardhat · Foundry · TypeScript · multi-chain deployment

Clevertch

Blockchain Developer

August 2022 - March 2023 (8 months)

New York, United States

Designed, implemented, and deployed three production smart contract systems for NFT-focused clients.

Responsibilities:

- Owned end-to-end smart contract development, design, implementation, testing, and deployment
- Collaborated with client product teams to translate requirements into on-chain architecture

Key contributions:

- Proof-of-attendance NFT drop
- Distributed to attendees of client's online event
- Deployed to Polygon Mainnet

- NFT collection with packs-and-cards mechanics
- 1,400+ tokens minted on Ethereum Mainnet
- Contract: 0x03011babdf78d67169e2b631d5c8f85a98b54f30

- Custodial wallet dedicated to client's NFT drops
- Private deployment

Stack: Solidity · TypeScript · Hardhat · Ethereum · Polygon

Brick Abode

Software Engineer | Project Manager

August 2019 - March 2022 (2 years 8 months)

Salem, Virginia, United States

Led multi-disciplinary teams across blockchain, fintech, and platform engineering projects while contributing to the company's strategic growth.

Responsibilities:

- Managed engineering teams across multiple concurrent client projects
- Ran delivery, sprint planning, and client communication
- Contributed hands-on to blockchain and backend engineering work

Key contributions:

- Blockchain upgrade — Epic Cash (epic.tech)
- Managed the team upgrading the Epic Cash blockchain (MimbleWimble protocol, Rust-based Grin fork) from v2.17 to v3.0

- NFT / Royalty engineering — Royalty Exchange (royaltyexchange.com)
- Added NFT minting support with ERC-721 + ERC-2981 (on-chain royalty standard)
- Deployed production contracts to Ethereum Mainnet

- Crypto prime brokerage — asset manager client
- Core contributor on APIs for streaming market data, order routing, and asset transfers between custody and whitelisted exchanges
- Built API clients for Kraken, Gemini, and other venues
- Full automated test coverage

- Social-media analytics platform — FEE.org
- Led team maintaining and extending a C# analytics platform (github.com/Jellyfish-Insights)

- Internal startup incubation
- Business model design, international sales meetings, risk analysis, documentation
- Managed a team of 6 across marketing, sales, and development

Stack: Solidity · Rust · C# · TypeScript · Ethereum · F#

Via Apia Informática

Software Engineer

June 2017 - July 2019 (2 years 2 months)

Brasília e Região, Brasil

Education

Universidade de Brasília

Engineer bachelor, Computer Engineering · (2015 - 2019)

Casa Thomas Jefferson

Advanced english course · (2008 - 2013)