FrennaDev

Founder & Chief Executive Officer - Alpha Developments

PROFILE

Founder and CEO of Alpha Developments, a Web3/Developments engineering company founded in 2019 with a track record of building production-grade blockchain systems, developer tooling, and automation infrastructure used in real-world, revenue-generating environments.

I focus on simplifying how developers interact with complex systems. My work centers on designing clear abstractions, interfaces, and tooling that make on-chain and off-chain infrastructure easier to integrate, operate, and scale.

At Alpha Developments, I stay hands-on in system architecture, SDK design, and developer experience, ensuring the systems we ship are reliable in production, intuitive to work with, and built to evolve over time.

Experiences

Founder & Lead Engineer — Alpha Developments
web3 Engineering & Developer Tooling

SDKs, Tooling & Developer Experiences

- **Designed and maintained TypeScript-based abstractions and internal SDKs to simplify interaction with Solana and EVM-based systems.**
- **Built reusable client libraries for:**
- **Wallet interaction**
- **Transaction orchestration**
- **Chain-agnostic execution logic**
- **Focused heavily on API ergonomics, versioning, and backwards compatibility.**

Cross-Chain & Protocol Work

- **Implemented systems spanning Solana + EVM ecosystems, handling:**

Fee abstraction
Wallet abstraction
Unified execution flows

- **Designed architectures that avoided redeployment duplication across chains.**

Sample Apps & Proofs of Concept

- Built internal and client-facing reference implementations to demonstrate SDK usage and integration patterns.

- Created PoCs to validate new protocol features before production rollout

Documentation & Developer Enablement

- **Wrote technical documentation, onboarding guides, and usage examples for internal SDKs and client platforms.**

- **Regularly translated complex protocol logic into clear, step-by-step developer guides.**

Products & Tooling

Raptor Finance / Raptor Chain

Lead Blockchain Engineer - Mainnet & Testnet (2019-2021)

- **Led the design and deployment of RaptorChain, a semi-asynchronous, EVM-compatible Layer 1 blockchain, across both testnet and mainnet.**
- **Architected core execution and fee mechanics, including a custom fee-burn model and block-producer incentives.**
- **Ensured full compatibility with standard EVM developer tooling (wallets, RPC interfaces, Solidity workflows).**
- **Designed and implemented protocol-level abstractions to simplify contract deployment and interaction for developers.**
- **Built and maintained developer documentation and onboarding guides, covering chain architecture, fees, and contract usage.**
- **Supported ecosystem developers through direct technical guidance, debugging, and integration walkthroughs.**
- **Took ownership of developer experience, incorporating feedback to improve usability, clarity, and tooling reliability**

https://raptorchain.io/home

0G Labs Ecosystem
Products & Engineering Contributions
(2024-2025)

AiForge (Built on 0G Chain)

Founder & Lead Engineer

AiForge is a zero-code platform enabling users to create, deploy, and operate AI agents on-chain, built directly on 0G's data availability and execution infrastructure.

- Designed the core application architecture, aligning AI workflows with 0G's decentralized data and execution model.
- Built developer-facing abstractions that allow agents to be created, configured, and deployed without direct interaction with low-level chain primitives.
- Integrated external LLMs and real-time data sources into on-chain–coordinated execution flows.
- Designed API-first and SDK-style interfaces to simplify agent creation, management, and scaling.
- Led implementation of wallet-linked storage, agent-to-wallet interactions, and automated execution pipelines.
- Built internal tooling and scripts to support testing, iteration, and rapid feature rollout on testnet and mainnet.
- Produced technical documentation and internal guides explaining agent architecture, data flow, and integration patterns for builders.
- Worked closely with the OG ecosystem to ensure AiForge aligned with OG's long-term infra vision and performance constraints.

https://www.aiforge.xyz/

ZerOpulsefi(Built on 0G Chain)

Developer Advisor

ZeroPulseFi is an AI-powered DeFi yield optimization platform focused on automated strategy execution, risk minimization, and low-fee operation on 0G Chain.

- Advised on protocol architecture and execution flow design for AI-driven yield strategies.
- Reviewed smart contract and backend integration patterns to ensure safe automation and predictable behavior.
- Provided guidance on developer tooling, abstraction layers, and SDK-style interfaces for interacting with protocol components.
- Supported decisions around data ingestion, strategy evaluation, and execution reliability.
- Consulted on developer-facing documentation and onboarding clarity for future ecosystem contributors.

https://www.zeropulse.finance/

ScOpeon0G(Built on 0G Tech Stack)

Developer Advisor

ScOpeOn0G is a performance-focused Web3 platform leveraging the 0G tech stack to support scalable, secure, next-generation decentralized applications.

- Acted as a technical advisor on system architecture and performance considerations.
- Reviewed integration patterns with 0G infrastructure, focusing on scalability, security, and developer usability.
- Provided feedback on API design, abstraction boundaries, and tooling decisions to support long-term extensibility.
- Supported early-stage decisions around developer experience and ecosystem alignment

https://sc0pe.xyz/dashboard

Nitrobot

Founder & Lead Engineer
2024-2025

NitroBot is a high-performance trading and launch automation system designed to abstract complex on-chain execution into simple, developer- and user-friendly workflows, operating primarily via Telegram interfaces.

- Designed the core execution architecture for automated trading, sniping, and token launch workflows across Solana and EVM-compatible chains.
- Built modular execution pipelines to support flexible sell logic (by percentage, wallet, or full exit), auto-buy/sell triggers, and copy-trading behavior.
- Abstracted low-level blockchain interactions (transaction construction, signing, submission, retries) into clean, reusable execution layers.
- Implemented latency-sensitive logic optimized for fast-moving markets and high-throughput usage.
- Designed internal developer-facing tooling and configuration systems to support rapid feature iteration and safe deployment.
- Worked extensively on error handling, edge-case management, and execution reliability under real-world conditions.
- Supported onboarding and usage at scale by refining interfaces, defaults, and execution clarity based on user feedback.

https://www.nitrobot.io/

Ballistic (Solana Lead-in Bunder)

Lead Developer - Solana Infrastructure
2023-2025

Ballistic is an all-in-one Solana tooling platform for token launches, supply control, and coordinated execution, designed to abstract complex on-chain mechanics into reliable, repeatable workflows.

- Led development of Solana-based bundling and execution infrastructure for token launches and coordinated transactions.
- Designed systems enabling atomic supply control, including first-holder guarantees and multi-wallet execution strategies.
- Implemented organic multi-sniping logic to support stealth entry and distribution without detectable execution patterns.
- Built supply management tooling supporting disperse, sell, airdrop, and buyback flows across large wallet sets.
- Focused on transaction ordering, timing, and reliability under highly competitive network conditions.
- Designed internal abstractions to simplify interaction with low-level Solana primitives (accounts, instructions, signing).
- Actively supported real-world launches, iterating tooling based on live usage, failure cases, and performance constraints.

https://Ballistic.app

Veilo Layer

Lead Developer - Privacy Infrastructure on Solana
2025

Veilo Layer is a privacy-focused infrastructure layer being built on Solana, designed to enable confidential transactions and privacy-preserving interactions without compromising performance or composability.

- Leading the design and implementation of a privacy layer integrated into Solana's execution model.
- Working on privacy-preserving transaction flows, including shielding, verification, and controlled disclosure mechanisms.
- Designing system architecture that balances privacy guarantees, throughput, and developer usability.
- Exploring cryptographic primitives and execution patterns suitable for high-performance environments like Solana.
- Building abstractions intended to allow developers to integrate privacy features without deep cryptographic overhead.
- Actively iterating on design choices based on feasibility, security considerations, and long-term maintainability.

Engineering Scope & Constraints

Protocol & Execution Layer Engineering
- Design and implementation of Layer-1 and protocol-level systems, including execution logic, fee mechanics, and validator-aligned incentives.
- Experience shipping and operating EVM-compatible and Solana-based systems under real usage and adversarial conditions.

Developer Tooling & Abstraction Design
- Building SDK-style interfaces, client libraries, and internal tooling that abstract low-level blockchain complexity into usable developer workflows.
- Strong focus on API ergonomics, composability, and long-term maintainability.

Cross-Chain & Multi-Environment Systems
- Designing systems that operate across heterogeneous chains (Solana and EVM), with unified execution and interaction patterns.
- Experience reducing fragmentation through common interfaces and execution abstractions.

Performance-Sensitive Infrastructure
- Engineering systems where latency, ordering, and reliability directly impact outcomes (trading, launches, automation).
- Deep familiarity with high-throughput, asynchronous, and event-driven architectures.

Developer Experience & Adoption
- Translating protocol capabilities into clear documentation, examples, and onboarding flows.
- Iterating on tooling and interfaces based on developer feedback and real integration pain points.

Privacy-Aware & Security-Conscious Design
- Active work on privacy-preserving infrastructure and confidential execution patterns on Solana.
- Emphasis on correctness, safety, and predictable behavior in adversarial environments.

Developer Experience & Tooling Philosophy

My Approach to Developer-Facing Systems

I approach developer-facing systems as a design problem at the boundary between complexity and usability. When developers struggle to integrate with a system, the issue is rarely a lack of documentation it is usually a signal that the interface, abstraction, or execution model is misaligned with how the system is actually used.

My focus is on designing tooling and SDK-style layers that:

- Expose clear, predictable interfaces without leaking unnecessary internal complexity.
- Provide composable primitives that developers can build on and extend safely.
- Offer opinionated defaults that make correct usage straightforward, while still allowing flexibility when needed.
- I aim to reduce the cognitive load required to interact with complex infrastructure, without sacrificing performance, safety, or transparency. Abstractions are designed to remain stable as underlying systems evolve, allowing downstream developers to reason confidently about behavior in production.

Documentation, examples, and integration guides are treated as first-class engineering outputs. I prioritize explaining why a system behaves the way it does, not just how to use it, so developers can make informed decisions when building on top of it.
Ultimately, my goal is to ensure that interacting with sophisticated systems feels intentional, consistent, and reliable, enabling developers to focus on building products rather than navigating infrastructure.

Contact Us
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