



Product Engineering Lead

JOB DESCRIPTION

Most companies rely on audits and self-reported claims to show they're secure. It's slow, outdated, and hard to trust.

We replace that with continuous, real-time proof. Our platform uses AI and cryptography to validate security controls and issue Cyber Resilience Tokens™ - tamper-proof evidence that systems are actually working as intended. Tokens are then used to automate third party trust use cases such as insurability and compliance through our Spektrum Network™ partners.

We launched out of stealth with the first platform designed to deliver immutable, cryptographic proof of cyber resilience, and have raised \$10M to bring it to market. [Read more ↗](#)

Today, our technology connects fragmented security, backup, and insurance systems, turning scattered signals into a single, verifiable source of truth.

[Read more ↗](#)

We're bringing cybersecurity, compliance, and insurance into one system, helping companies reduce risk, lower insurance costs, and move faster with confidence. [Read more ↗](#)

Under the hood, we're building at the frontier of AI and cryptography, including a patented "proof-over-promises" architecture designed to close the gap between what companies claim and what they can actually prove.

TECHNICALLY, WE OPERATE AT THE INTERSECTION OF:

- Agentic AI systems for continuous control validation and orchestration
- Applied cryptography including zero-knowledge and proof-based architectures
- Distributed systems design for generating and verifying tamper-resistant records at scale



The Role

We're hiring a Product Engineering Lead to spearhead continuous improvement and innovation of core systems that make verifiable trust possible.

This is a hands-on role with significant ownership. You'll work across the stack, from data ingestion and control validation to token generation and verification, on systems where accuracy, integrity, and adversarial thinking are first-order concerns.

You won't just implement features, you'll help define the product and shape the architecture behind it.

What you'll do:

- Design and build distributed systems that ingest and analyze security and infrastructure data
- Develop services that continuously validate security controls using automated and AI-driven approaches
- Build systems for generating and verifying tamper-resistant artifacts (Cyber Resilience Tokens™)
- Work with cryptographic primitives to ensure integrity and verifiability
- Design APIs and internal tools used by insurers, auditors, and enterprise customers
- Contribute to system architecture with a focus on scalability, reliability, and correctness
- Partner closely with product and leadership to shape what we build, not just how



What we're looking for

Core experience

- 6–12+ years building and shipping complex SaaS systems
- Strong full-stack capability with comfort moving across layers
- Experience designing API-first platforms, workflow engines, or orchestration systems

Background

- Experience at an early-stage startup (0→1 or 1→10), or infrastructure/data platform company
- Proven ability to own projects end-to-end and drive them to completion

Technical depth

- Familiarity with distributed systems (streaming, event-driven, etc.)
- Experience with security systems, cryptography, or trust infrastructure (preferred)
- Exposure to AI/ML systems, especially agent-based workflows (nice to have)

Mindset

- Product-minded: you think about user experience and business impact
- Systems thinker: you design for reuse and scale, not just immediate needs
- Comfortable with ambiguity and shaping solutions from first principles
- Able to balance speed and quality in a fast-moving environment
- Innovative: you are relentless in the quest for continuous improvement



What success looks like:

- High-quality product features shipped quickly and reliably
- Strong alignment between engineering work and product priorities
- Systems that scale cleanly as new partners and use cases are added
- Thoughtful technical decisions that support both short and long-term goals
- Increasing product quality, usability, and impact

How you think

- "How do we make this reusable?"
- "How does this drive real business value?"
- "How will this scale across customers and partners?"

Why this role?

This is a chance to help define a new category, where trust is not asserted, but proven.

You'll be working on systems where correctness matters, adversaries exist, and the output directly impacts how companies operate, insure, and transact.

We're a small, high-caliber team solving hard problems with real-world consequences. If that's your kind of work, we should talk.

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