Jan Formánek

Technology Founder & CEO | Software & AI Systems Architect | Independent Trader
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Venture Leadership & Systems Architecture

Lawie Labs Nov. 2025 – Present
Founder & CEO | Hybrid Threat Defense, Civic Intelligence & Legal Technology *lawielabs.com/en*

- **Institutional intelligence (B2B/B2G):** Lead **Hybrid Threat Defense**, combining OSINT/FIMI, public procurement, ownership networks and economic-security evidence into temporal campaign maps, alternative hypotheses and reviewable institutional assessments.
- **Civic Guard (public-interest/B2C):** Develop the public-facing civic intelligence counterpart for citizen-submitted evidence, incident mapping, historical reconstruction and independently reviewed public findings; maintain a strict boundary from restricted institutional intelligence.
- **Enterprise legal systems (B2B):** Direct corporate-entity and regulatory intelligence built around **legal-entity digital twins**, effective-dated ownership structures, statutory obligations, compliance controls and scenario-based analysis of legal or regulatory change.

Noesea Jan. 2026 – Present
Founder & Protocol Architect | Decentralized Verification & Credibility Infrastructure *noesea.com*

- **The Truth Layer:** Design a verifiable history of disputed claims—from immutable evidence and origin provenance to competing interpretations, challenges, appeals and reconstructable outcomes. Evidence integrity is separated from claims of factual truth.
- **Adversarial consensus:** Design bonded juror selection, commit–reveal voting, multi-round dispute resolution, collusion resistance and stake-based economic incentives to make verification accountable rather than centrally decreed.
- **Constitutional protocol design:** Define hard limits on governance powers, append-only corrections and independently replayable decisions; integrate on-chain settlement, reputation, forensic evidence and a sustainable fee/incentive architecture.

Corthex Capital Apr. 2025 – Present
Founder & CEO | Quantitative Trading & On-Chain Market Research *corthexcapital.com*

- **Market thesis:** Pursue overlooked, capacity-constrained opportunities in **DEX and smaller-cap digital-asset markets**, where market fragmentation, inventory pressure and liquidity frictions can matter more than competing with large institutions on scale.
- **Research infrastructure:** Develop a Rust/Python research-to-execution environment for market data, DEX microstructure, valuation and strategy simulation, with point-in-time validation, execution-cost modeling and independent risk controls.

Eraivo Mar. 2025 – Present
Founder & CEO | Machine Finance & Treasury Orchestration *eraivo.com*

- **Financial control plane:** Architect **multi-wallet execution and treasury orchestration** for autonomous software: delegated mandates, capital allocation, policy-gated transactions, approvals, settlement and audit-ready execution history.
- **Commercial thesis:** Develop an enterprise software model around **delegated financial authority, treasury workflows and verifiable execution**—monetizing control and assurance above interchangeable payment rails.

Independent Trading

johnFX Ongoing
Independent Trader | Crypto Derivatives, Global Macro & Market Structure *x.com/0xjohnfx*

- Research and trade liquidity/positioning dislocations using auction-market structure, volume profile, CVD, funding and open interest; publish scenario-led analysis with explicit invalidation and risk limits.

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Selected Systems & Applied Research

Hybrid Threat Mapping | *OSINT/FIMI, Temporal Entity Graphs*

- Work on cross-domain maps of institutional exposure: source-linked campaign timelines, supplier/ownership relationships, contested attribution and "as-of" reconstruction that distinguishes when events occurred from when they became known.

Statutory Analysis & Legal-Entity Twins | *Regulatory Scenario Modeling*

- Develop legal/regulatory modeling around versioned rules, corporate structures and effective-dated entity snapshots; explore obligation mapping, amendment impact and alternative regulatory scenarios with explicit source and review boundaries.

Defensive Security Engineering | *Claude Mythos, Strix, Venice AI*

- **Approved for Anthropic's Cyber Verification Program (Defense Access)** with active **Claude Mythos** access for authorized, defensive codebase research.
- Integrated **Strix + Venice AI** with local source-analysis tooling for white-box assessments, reproducible vulnerability triage and code-level remediation. Lawie PR #302 hardened service-JWT identity binding, MFA rate limits and secret handling.

Engineering Governance & Compute | *AI Coding Agents, CI Infrastructure*

- Lead AI-assisted development across four ventures: assign subsystem ownership, review cross-repository architecture, control concurrent Git worktrees and reconcile PRs against a canonical main branch.
- Operate self-hosted Linux CI and containerized validation fleets for Rust, Solidity, TypeScript and PostgreSQL; coordinate targeted security checks, integration sequencing and reproducible release records.

Technical Expertise

Software Engineering: Rust, Python, TypeScript, JavaScript, Java, SQL, Solidity; Node.js, Next.js, PostgreSQL, REST APIs
Intelligence & Legal Systems: OSINT/FIMI, entity and ownership graphs, bitemporal reconstruction, statutory/regulatory analysis, digital twins, source provenance
Protocol & Financial Engineering: EVM/Foundry, commit–reveal, staking/slashing models, dispute mechanisms, DEX liquidity, market microstructure, backtesting
AI & Security: AI coding-agent orchestration, MCP/tool integration, adversarial code review, vulnerability triage, AuthN/AuthZ, Strix, Venice AI, Claude Mythos
Infrastructure & Systems: Linux server administration, Docker, Git/GitHub, CI/CD, self-hosted runners, cloud compute, SSH, Proxmox, virtual networking
Additional Tools: Bash, PHP, VBA, HTML/CSS, Redis, ClickHouse, Cisco IOS, VLANs and subnetting

Cross-Venture Growth & Distribution

Set technical positioning, editorial direction and multichannel publishing for **all four ventures**; manage Metricool campaign planning, channel analytics and short-form content production. Public work: Lawie | Noesea | Corthex | Eraivo.

Education

SSPŠ Jihlava 2023 – 2027 (expected)
Information Technology | *Software Development, Algorithms, Databases & Networking* *Jihlava, Czechia*

Recognition & Credentials

Investománie | *Semifinalist, Investment Strategy Competition* 2025 – 2026

Hyperliquid | *Eligible for Referral Programme (trading-volume qualification)*

Languages

Czech (native) | English (B2; Cambridge B2 First in preparation) | German (basic)