

Lev Kantorovich

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Senior Software Engineer | AI Security | Agentic Workflows | Cybersecurity Platforms

PROFESSIONAL SUMMARY

Senior Systems and Security Engineer with 20+ years of experience building security software, endpoint technologies, telemetry systems, automation workflows, and high-performance distributed applications. Extensive background in cybersecurity, endpoint visibility, diagnostics, and platform engineering. Recently focused on AI-assisted engineering, agentic workflows, automation, and LLM-powered development processes. Experienced taking technical initiatives from concept through implementation while balancing engineering quality, operational reliability, and delivery speed.

CORE STRENGTHS

AI-Assisted Engineering • Agentic Workflows • Security Automation • Product Development • API Design • Backend Systems • Endpoint Security • Telemetry Platforms • Platform Engineering • Python • C++ • Distributed Systems • Observability • LLM Workflows • Validation Automation

PROFESSIONAL EXPERIENCE

Arctic Wolf Networks — Senior Kernel & Systems Engineer (2024–2026)

- Developed endpoint telemetry, diagnostics, and operational infrastructure supporting cloud-delivered security services.
- Built engineering automation and validation workflows supporting large-scale security operations.
- Contributed to observability, event-processing, and troubleshooting workflows across distributed environments.
- Worked on performance, reliability, and operational effectiveness of security-focused systems.

Microsoft — Systems Engineering Consultant (2023–2024)

- Investigated complex Windows networking, driver, and operating-system behaviors in enterprise environments.
- Analyzed telemetry, traces, memory dumps, and diagnostics data to identify root causes of production failures.
- Delivered technical guidance and operational insights for large-scale deployments.

SentinelOne — Senior Kernel Developer (MTS) (2021–2023)

- Developed endpoint security capabilities supporting enterprise-scale security platforms.
- Built telemetry and visibility components enabling endpoint monitoring, diagnostics, and operational workflows.
- Improved performance and reliability of security infrastructure serving large endpoint environments.

Forcepoint — Principal Software Engineer / Senior Software Engineer (2017–2021)

- Developed enterprise security technologies including endpoint protection, telemetry collection, and network-security systems.
- Participated in design, implementation, optimization, and evolution of security-focused software products.
- Worked across product, engineering, and technical leadership teams to deliver customer-facing capabilities.

Cloud Invent — Software Architect (2012–2017)

- Served as Software Architect on a small engineering team developing advanced computational software products.
- Led architecture, prototyping, implementation, and evolution of high-performance engineering systems.

- Worked across concept exploration, product design, and delivery in a fast-moving environment.

AI-ASSISTED ENGINEERING PLATFORM (PERSONAL PROJECT)

- Designed and implemented an AI-assisted engineering platform for managing complex software-development and data-processing initiatives.
- Built structured workflows including goal definition, task decomposition, implementation planning, validation gates, test gates, and human approval checkpoints.
- Developed orchestration concepts for coordinating multiple AI-assisted work streams while maintaining traceability, auditability, observability, and engineering control.
- Implemented structured handoff workflows, quality validation processes, roadmap execution mechanisms, and progress tracking across concurrent engineering efforts.
- Applied systems-engineering principles to agentic workflows including context management, failure analysis, reproducibility, and controlled automation.

SELECTED TECHNICAL FOCUS AREAS

- LLM-assisted development workflows and engineering productivity tooling.
- Security automation and operational tooling.
- Endpoint telemetry, observability, diagnostics, and event processing.
- Platform reliability, monitoring, validation, and troubleshooting.
- High-performance distributed software systems and scalable backend services.

TECHNICAL SKILLS

Languages: Python, C++, C, JavaScript

Systems & Platforms: Linux, Windows, Docker, Endpoint Security Platforms, Telemetry Systems

AI & Automation: LLM Workflows, Agentic Systems, Validation Automation, AI-Assisted Engineering

Architecture: APIs, Distributed Systems, Observability, Event Processing, Platform Engineering

EDUCATION

Master of Science in Computer Engineering