

# Andrey Lukin

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**Senior Software Engineer** focused on building foundational backend systems, platform infrastructure, and AI/LLM tooling. Based in Boston, seeking hybrid/in-person roles.

**Interests and Hobbies:** Film, Music, Videogames + E-Sports, Exploring new cities, Running

**Education:** Georgia Institute of Technology, BS in Computer Science (Systems Architecture & AI), 2019

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## Professional Experience

**7AI | Boston, MA | Nov 2024 – Mar 2026**

### Software Engineer

- Early engineer (#30) at an agentic cybersecurity startup (Greylock, CRV, Index Ventures); built core platform systems in Go, Python, and Deno from pre-launch through Fortune 500 customers and \$166M in funding.
- Redesigned the connector architecture from single-instance to multi-instance, a foundational platform change enabling customers to connect unlimited instances of any security tool across regions and introducing investigation routing logic critical to the company's multi-tenant strategy.
- Built the config and content services (backed by GitHub and internal stores) used across all applications, reducing deploy cycles from 30+ minutes to seconds and eliminating the need for full environment redeployments.
- Drove full platform migration off DuploCloud to Helm and Terraform-managed infrastructure, decoupled environment-specific configuration to make the stack portable across regions and compliance boundaries (EU, FedRAMP), and served as a consistent SRE contributor ensuring product uptime and reliability.
- Built and shipped AI developer tooling across engineering: Claude Code hooks, shared prompt standards, and Cursor onboarding infrastructure, formalized into a recurring cross-team process.

**SeekOut | Bellevue, WA | Jul 2022 – Oct 2024**

### Software Engineer I → II

- Developed and deployed a GPT-based resume parsing service, cutting parsing costs by more than half while improving reliability and transparency.
- Revamped Enterprise data pipelines using TPL, microservices, and Databricks, processing billions of GitHub records for client search.
- Designed a search index distribution strategy that reduced infrastructure costs by \$130K in the first year.
- Won company hackathon with an embedding-based tool for matching past candidates to new positions.

**American Express | NYC, NY | Jan 2020 – Jul 2022**

**Software Engineer** | Built front-end and back-end integrations for commercial credit card partners. Led mock framework migration, built cross-platform mobile test suites (iOS/Android), and served as Scrum Master.

### Earlier

- **PayPal** (Intern, 2019) · **Smartling** (Intern, 2018) · **Nead Werx** (Co-op, 3 semesters) | Backend tooling, integration engineering, and developer productivity across enterprise and startup environments.
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## Skills

- **Languages:** TypeScript/Deno, C#, Python, Go, SQL, C
  - **Backend & Infrastructure:** Terraform, Kubernetes, Docker, gRPC, Kafka, Redis, PostgreSQL, .NET/ASP.NET, Node.js
  - **AI/LLM Tooling:** Programmatic tool calling, MCP integrations, Claude Code, Pi Mono, agent harness design
  - **Cloud & Observability:** AWS, Azure, Grafana, Loki, Prometheus, Splunk
  - **Human Languages:** English, Russian, French (un peu)
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