Andrew Molyuk

System Architect / Distributed Systems → AI Engineering

Looking for: Head of AI Engineering, CTO or VP R&D · consulting on agents in production · Israel (UTC+2), remote

andrew@molyuk.com t.me/andrewmolyuk linkedin.com/in/andrewmolyuk andrew.molyuk.com

EXPERIENCE

CGS Tower Networks · AI Lead & WebUI Architect · 5 engineers 2024–now

The WebUI for every device the company makes, high-load central management for all of them, and agents that take tickets to pull requests in production.

Vidcrunch · CTO · 15 engineers 2016–2024

Automatic ad-campaign tuning and anomaly monitoring: $17M in its first year, around 23B events a day, releases 75% faster.

Screenz · VP R&D · 30 engineers 2015–2016

Live voting on air: Hillary Clinton's debates, Ricky Martin's La Banda on Univision, ABC's Rising Star, at peaks of 3M requests a second.

YKM · CTO · 15 engineers 2014–2015

Pulled the company back from collapse: hired R&D from zero, set up the process, delivered projects for Isracard, Visa, Mizrahi Tefahot and Tiv Taam.

Synerion Systems · Development Manager · 15 engineers 2011–2014

Floating-shift management and a mobile app that took the product into the US market, to enterprises of 65,000 employees and more.

BestTV · R&D Director 2006–2011

Video management and a CDN that brought every Israeli media service under one roof, and the R&D department that built them.

1991–2006: software engineering roles, among them Azben and DSIT

PROJECTS

bunderlog · bunderlog.com

Open-source tools that keep Claude Code sessions true to a project's written decisions: Claude checks the project's rules before writing code 6% of the time on its own, 68% with them.

instrumenta · in internal production · github.com/andrewmolyuk/instrumenta

Agent pipeline that takes a Jira ticket to an open pull request, unattended, at the company I work for. 89 tickets → 69 merged PRs in 90 days · 97% of closed PRs merged.

chainofsale · chainofsale.com

Supply-chain check for ad systems: each seller the publisher doesn’t confirm, with the exact ads.txt line that fixes it. 1,700+ ad systems ranked by chain health.

servienta · servienta.com

Every endpoint an application talks to, in one container: readable from automated tests and reset between runs. 8 protocols · a 5-transport file server.

checkmeup · checkmeup.net

Cron, uptime, SSL, domain and port monitors with Telegram, Slack and SMS alerts, and white-label status pages.

SKILLS

AI Engineering	Claude Code, Claude API, Subagents, Workflows
Distributed systems	3M req/s peak, 100K req/s steady, 23B events/day
Cloud	AWS, GCP, Azure, Cloudflare, Hetzner
Containers	Docker, Compose, Swarm, Kubernetes, Kamal
Delivery	GitHub Actions, GitLab CI, Jenkins, Bitbucket, Jira, Terraform, Git hooks
Frontend	TypeScript, Vue, React, Tailwind CSS, Astro
Backend	Go, Node.js, Bun, Python, Hono
Integrations	REST, GraphQL, tRPC, SNMP, Syslog, RADIUS, Kafka

EDUCATION

Taras Shevchenko National University of Kyiv · MSc, Applied Mathematics and Programming — 1990–1996

Carnegie Mellon University · Course: 11-768 AI Agents (following the public course remotely) — 2026

Vanderbilt University · Course: Pattern-Oriented Software Architectures for Concurrent and Networked Software — 2013

John Bryce Training Center · Course: System Analyses with UML in Web Services Environment — 2005–2006

LANGUAGES

English · professional **Hebrew** · native or bilingual **Russian** · native or bilingual **Ukrainian** · native or bilingual