Anatoly Koptev

AI Product Engineer

San Francisco Bay Area
github.com/anatolykoptev

SUMMARY

Designs the architecture and directs AI coding agents, reviewing every change. Founded OxFoundry in Dec 2025 and shipped 41 releases of OxSay, a local voice studio for the Mac, in 52 days; built Vaelor, an MCP server that gives coding agents call graphs across 16 languages; merged 10 pull requests in 7 outside repositories (among them Remotion, Filee, MemOS and ParadeDB), after which the MemOS team invited him to join. Rewrote MemOS from Python into Go as MemDB with 1830x faster graph traversal.

SELECTED RESULTS

10 PRs in 7 repos Merged upstream pull requests in Remotion, Filee, MemOS and ParadeDB. Source: GitHub, checked Nov 2026; Feb 2026 to Oct 2026.

1830x MemDB graph traversal speedup. Source: memdb CHANGELOG, github.com/anatolykoptev/memdb; MemOS to MemDB rewrite.

41 releases in 52 days OxSay releases, a local voice studio for the Mac. Source: git tags, github.com/anatolykoptev/ox-say; Sep 2026 to Nov 2026.

SKILLS

Programming languages: Go, Python, TypeScript, Rust, Swift (OxSay Mac app), Kotlin (OxPulse Android shell), PHP (WordPress plugins), C++ (audio engine on whisper.cpp)

AI and agent tooling: AI agents; coding agents (Claude Code, Codex, Devin); MCP servers; CLI tools for AI agents; agent tooling; agent skills; large language models (LLM); speech recognition and voice synthesis; local and on-device AI

Data and retrieval: PostgreSQL, pgvector, Apache AGE; knowledge graph; vector search; hybrid retrieval

Infrastructure: Oracle Cloud (OCI), Docker Compose, Caddy, PostgreSQL, self-hosted CI

Web: Full-stack web applications; React, Next.js, TypeScript; Astro; Svelte; Payload CMS, Directus, WordPress

Real-time communications: WebRTC; encrypted video calls and chat; Rust SFU

Automation: Workflow automation; process automation; CI and release automation; scheduled operations (systemd timers, cron)

Spoken languages: Russian (native); English (professional working proficiency)

EXPERIENCE

Founder, OxFoundry (AI products)

Dec 2025 – Present · San Francisco Bay Area (remote)

- Shipped 41 releases of OxSay, a local voice studio for the Mac (Apache-2.0), in 52 days; cut Russian word error rate from 1.46% to 0.97% on own evals.
- Merged upstream pull requests in Remotion, Filee, MemOS and ParadeDB, among them MemOS's PostgreSQL graph backend and Japanese tokenizer options for ParadeDB's search extension.
- After his merged MemOS pull requests, the MemOS team invited him to join, introduced him to their developers and asked for his resume.
- Directed fleets of AI coding agents across all products, setting the architecture and reviewing every change: Claude Code plans, Devin implements, Codex reviews each pull request.
- Rewrote MemOS from Python into Go as MemDB, his own memory database for AI agents, with 1830x faster graph traversal.
- Built Vaelor, an Apache-2.0 MCP server with 35+ tools that give coding agents call graphs and blast-radius checks across 16 languages.
- Load-tested OxPulse group rooms to 5,000 users at 0.9962 message delivery over 300 s on one 4-core ARM server (plaintext rooms).
- Built OxPulse, browser-based encrypted video calls and chat designed to stay connected at 1 KB/s on filtered networks.
- Ran his own production on two Oracle Cloud ARM hosts: 46 and 24 Docker containers, PostgreSQL, Caddy and a self-hosted CI runner.
- Built full-stack web applications in TypeScript on Next.js and React with Payload CMS: the OxFoundry, Krolik Marketing and koptev.me sites and a BMW specialist's site.

Co-Founder, PITER.NOW

Jun 2011 – Present · Remote

– Built go-wp, a Go service with 33 tools that automates article production for two city-guide sites.

– Built go-grad, the CRM he uses daily to run PITER.NOW's ad sales: leads, deals, ad placements and renewal reminders (Go, PostgreSQL).

Video Producer

2020 – Present · Freelance · Los Angeles, then San Francisco

– Designed an AI video-editing system in Python, in production for a San Francisco fashion brand, that turns raw footage into finished Reels and YouTube films.

Also

Founder, Krolik Marketing Feb 2023 – Present

Director of Event Operations, Deseract Music Festival 2022 – Mar 2025

Head of Marketing, Mobility (a California consumer brand) Feb 2023 – Oct 2024

Event Marketing and PR Director, Grand Bazar Conference May 2024 – Jun 2024

Founder and Festival Director, Royal Festival of Colours Feb 2012 – Oct 2015

Founder and CEO (General Director), CSN-PRO communication group Oct 2009 – Oct 2014

EDUCATION

BBA (business, management, marketing), Saint Petersburg State University of Finance and Economics, 2005 to 2009.

LINKS

koptev.me

CONTACT

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