PAVEL HOLYAVKIN

Engineering Leader, Mobile + AI (Head of Mobile · Engineering Manager · Staff iOS)
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github.com/holyavkin | **Book a call:** cal.com/holyavkin/meeting (live availability)

SUMMARY

Mobile engineering leader with 17+ years shipping software. Led a 50+ engineer client engineering org at MileIQ (1M+ users) through a 2M-line React Native to native iOS and Android rewrite at 99.9%+ crash-free, chaired the company's AI adoption, and stayed through the acquisition by Bending Spoons. Since then I run App Incubator full-time: fractional CTO and AI engineering for six clients, including building and operating a SwiftUI app with Screen Time extensions end to end, with engineering run through an AI-agent harness under review and test gates. Available for a full-time role; client engagements are hand-off ready.

EXPERIENCE

MileIQ (acquired by Bending Spoons, 2025) | Apr 2022 - Sep 2025 | Remote

iOS Engineer -> iOS Guild Lead (Jun 2023) -> Head of Mobile (Jan 2024) -> Head of Client Engineering (May 2025); Chair, AI Committee (Nov 2024 - Sep 2025)

- Hired and led the 50+ engineer client engineering org for a 1M+ user app through a 2M-line rewrite from React Native to native iOS and Android, keeping 99.9%+ crash-free on both platforms.
- Increased retention 9% through A/B-tested features shipped with Product and Design.
- Set the engineering standards for code quality, testing, and CI/CD; as iOS Guild Lead, set architecture standards and mentored engineers.
- As AI Committee chair, took a 60+ person company from 1-2 to 6+ hours/week saved per person with AI Fridays and cross-functional office hours (Engineering, Marketing, HR, Creative, Finance, Data).

App Incubator (independent studio) | Fractional CTO & AI Engineer | 2020 - Present (full-time since Oct 2025) | San Diego, remote

Client engagements since MileIQ:

- **Okee (family screen-time app, San Diego), CTO:** built and run the full stack: SwiftUI iOS app with four Screen Time (Family Controls) extensions, an Express/TypeScript/MongoDB API on AWS, a Next.js admin console, and the marketing site; 800+ commits. Production operations: blue/green API deploys with automatic verification and rollback, an isolated staging environment, a beta health dashboard, and PostHog analytics. Private beta on TestFlight. Engineering runs through an AI-agent harness: Claude Code, Codex, and Hermes agents building in parallel under hooks that enforce review and test gates, with 850+ PRs merged across the iOS app, backend API, web admin, and infrastructure.
- **Law firm:** repaired production email capture on Power Automate. Reconciled mailbox, run history, and logs; rehearsed a controlled failure path; audited 742 attachment candidates with zero gaps; verified rollback and removed access at handoff. Integrated a Clio MCP connector with custom field and notification fixes.
- **Education SaaS company, fractional CTO:** production readiness for a live CRM and test platform. Built an append-only storage backup (21K objects, 7.8 GB) with a byte-verified restore drill, set up isolated staging on Vercel + Neon, and fixed a Postgres pool failure that was terminating requests.
- **Real-estate rehab company:** unattended pipeline that turns a walkthrough video into a priced scope of work and estimate, with a 3-tier eval (price delta, line-item coverage, scope fidelity) that reached 72% scope fidelity.

- **Documentary studio and insurance sales:** media archive pipeline (atomic job queue, crash recovery, Whisper transcription, chunked cloud upload on systemd); lead-scoring and message-drafting pipeline (Apify + Claude).

2020 - 2025, alongside MileIQ: shipped 50+ apps and automations for clients from startups to Fortune 500, including ARKit/3D work and Private Notes (on-device LLM and voice, idea to App Store in 21 days). Upwork Expert-Vetted (top 1%), 100% Job Success, 29 contracts.

Earlier

- AI chatbot platform (2013 - 2020): built and ran 10 production bots on Messenger and Telegram with custom backends and analytics.
- EasyWakeup (2008 - 2012): built the original sleep-cycle alarm for iOS; #1 Top Grossing in 5 countries.

SKILLS

Mobile: Swift, SwiftUI, Objective-C, Screen Time / Family Controls, ARKit, React Native to native migrations, App Store release operations, crash-free and analytics (Mixpanel, PostHog), CI/CD **AI:** Claude/OpenAI/Gemini APIs, agents and tool calling, MCP, on-device LLMs, RAG (pgvector), eval harnesses, Claude Code and Codex agentic workflows with review and test gates **Platform:** TypeScript/Node, Python, Express, Next.js, MongoDB, Postgres/Supabase/Neon, AWS, Vercel, blue/green deploys, staging environments **Leadership:** hiring, guild leadership, engineering standards, A/B programs with Product and Design, org-wide AI adoption

EDUCATION

B.S. Microelectronics & Semiconductor Devices, Far Eastern National University; Machine Learning (Stanford/Coursera)