

George Neophytou

Full-Stack Product Developer

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PROFILE

Product developer with end-to-end ownership of software from initial concept to launch: product strategy, UI/UX and visual design, front-end and back-end development, infrastructure, payments and customer support. Recently launched Looper Studio, a commercial cross-platform music application with its own web store, licensing system and cloud synchronisation service. Over ten years of IT and infrastructure experience underpin a focus on systems that are secure, observable and straightforward to operate, complemented by several years as a product owner translating client requirements into clear specifications for development teams. Highly efficient with modern AI tooling, with rigorous quality standards maintained through automated testing and review.

SKILLS

Front end	Next.js, React, TypeScript, Tailwind CSS, HTML5, CSS / Sass, JavaScript, responsive design, accessibility, HTML email
Back end & data	Node.js, Fastify, Hono, PostgreSQL, Supabase, Drizzle ORM, Redis / BullMQ, REST APIs, auth (JWT, SSO)
Native apps	Swift / SwiftUI (iOS, macOS, watchOS), C++ / JUCE (real-time audio, plugin hosting)
Product & design	UI/UX design, design systems & tokens, Adobe XD, Photoshop, branding, payments (Polar, Apple in-app purchase), licensing, docs
Infrastructure	Vercel, Docker Compose, Caddy, nginx, Linux, DigitalOcean, Cloudflare R2, GitHub Actions, Sentry, DNS / TLS
Quality	Vitest, Playwright, CI pipelines, sanitizers (ASan / TSan), static analysis, code review
AI & automation	LLM integration (OpenAI, Anthropic, Whisper), AI pipelines with per-task model selection, AI agent workflows (Claude Code, MCP tools), quality control of AI output

PRODUCTS

Founder & Sole Developer · Looper Studio, Picto, Lygo 2025 – present

Looper Studio: live-looping app for solo musicians (macOS, Windows, Linux, iPad). Live since Oct 2026.

- Designed the product end to end: concept, brand, UI/UX and design system, marketing site, docs and promo videos.
- Built the web platform in Next.js, React, TypeScript and Tailwind on Vercel: accounts, checkout and licensing, using Supabase (PostgreSQL), Drizzle, Polar and Apple in-app purchase, with signed, machine-bound licences.
- Built a cloud sync service in Node.js / Fastify / PostgreSQL on Docker; audio uploads go straight to Cloudflare R2 through presigned URLs.
- Desktop app in C++ / JUCE with a real-time-safe audio engine, plugin hosting and MIDI; companion iPhone and Apple Watch remote in SwiftUI.
- Shipped with 20+ GitHub Actions pipelines (cross-platform builds, sanitizers, acceptance tests), Vitest and Playwright test suites, Sentry monitoring, and a self-hosted community forum with single sign-on.

Picto: macOS photo organiser, launching soon.

- Swift 6 / SwiftUI app that turns messy photo archives (500K+ items) into one deduplicated, date-sorted library: SQLite (GRDB), Apple Vision look-alike grouping, and camera, iPhone and Apple Photos import.

Lygo: AI nutrition tracker, pre-launch.

- Log meals by typing or speaking; an AI pipeline (OpenAI, Whisper) matches foods to USDA and Open Food Facts data. Next.js and SwiftUI front ends, Hono / PostgreSQL / Redis API on self-managed infrastructure.

EXPERIENCE

Freelance Web Developer & Designer · Paphos 2011 – present

- Design, build and host websites and HTML email / newsletters for local businesses.

IT Manager · SeSol, Paphos

Oct 2023 – Oct 2025

- Built and ran all IT for a new 110-person office: network, FortiGate and UniFi, Microsoft 365, Intune-managed devices, security and support.

Systems Designer / Product Owner · Dialing, Paphos & Stockholm

Feb 2016 – Dec 2022

- Owned specifications and UI mockups (Adobe XD, Zeplin) for a team of 4–8 developers, and wrote customer documentation and API examples.
- Delivered API integrations for enterprise clients including Vattenfall, Resurs Bank and GetAccept; second-line support across Nginx, PHP, MySQL, Asterisk and WebRTC.

IT Manager · Televinken, Paphos

Jan 2014 – Oct 2023

- Ran all IT for ~100 staff across 3–4 sites: network design, centralised Linux environment, Ansible automation, hosting and Docker services for company web apps.

LANGUAGES

English (native-level) · Greek (B1) · Afrikaans (conversational) · Swedish (basic)