

Ori Ringel

AI Innovation Builder

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■ SUMMARY

AI product builder who turns rough ideas into shipped products, end to end, through fast POCs, testing and iteration. In the past year, built with LLMs, APIs, agents, RAG, MCP and AI coding tools: a Hebrew kids' studio and personalized-book store (**2.2M+ YouTube views**), a bilingual learning app on the **App Store 17 days** after scaffolding, and a **multi-agent system** that builds and tests business automations. Former Israeli Air Force air control officer (Major, res.) and National Drone Initiative project manager.

■ EXPERIENCE

Independent AI Product Builder · Self-employed

Oct 2025 – Present

Built 4 AI systems end to end (2 in public production), plus MCP servers and tools. Directs AI coding agents (Claude Code, Codex); owns the architecture, code review, test strategy and release decisions.

Practice Room · Built for this application

[Live prototype](#)

- Mapped 4 AI opportunities for eTeacher's live courses and prototyped one: Hebrew practice with a hint ladder, a hints-off check of what learners can do alone, and a teacher view that drafts warm-ups for approval.

MikoMiko · AI kids' music studio and personalized-book store

mikobooks.store

- Grew a Hebrew kids' YouTube channel to **2.2M+ views** in its first year with AI music and video, then rebuilt the workflow as agents that drive Higgsfield over MCP.
- Built the personalized-book pipeline: art made once per title via Higgsfield MCP; per order, the Gemini API checks the child's photo and a queued worker redraws the child on every page for human review. **10 titles live**.
- Cut cost per visitor by running the costly likeness check only after payment, not on the free preview.
- Gave the agents shared memory: an Obsidian vault that records every Hebrew pronunciation fix and turns repeated ones into rules.

Nuts · Bilingual learning app (poker strategy), iOS and Android

[App Store](#) · [Google Play](#)

- Shipped to the **App Store 17 days** after scaffolding, approved first time; on Google Play since Sep 2026.
- Designed an 18-unit learning path, 5 stage exams and drills that explain *why* an answer is right, in 2 languages.
- Covered it with **2,777 automated tests**, verified by planting 124 defects (all caught); where no API existed, automated a desktop solver in Python to import 1,647 charts.

Wandy · Multi-agent builder of tested business-process automations, pilot

- Built the core in **7 days**: a plain-language request becomes an approved spec; builder, attacker and verifier agents follow, and nothing ships without matching evidence. **380 tests**.
- In a simulated trial, turned a Hebrew request into a released support-queue tool on the **first build in 9 min 50 s**, passing hidden and prompt-injection logic tests.
- Adopted new AI tools early: Jev (a small model that settled 11 of 31 records itself, faster and cheaper), Graft (fewer agent tokens) and a shadow-mode Dream-RSI loop (Google and Google DeepMind research).

3D Model Studio · Image-to-printable-3D workflow

- Designed agents that write 3D geometry as Python; an independent tester must pass every model, and it caught real defects such as a too-thin 0.3 mm wall.

MCP and RAG

- Built 3 MCP servers, including video embedding search and oriringel.com's live server with cited sources (RAG).

Project Manager & Strategic Advisor · National Drone Initiative (Matrix)

2024 – 2026

- Coordinated regulators (CAA), drone companies and public-sector clients for large-scale drone operations.
- Planned and ran multi-vendor flight weeks in complex urban airspace.
- Bridged technology and regulation; tracked KPIs such as flight volumes and safety incidents.

Air Control Officer, Major (res.) · Israeli Air Force

2014 – 2022

- Directed complex air operations from an underground control unit by radar and radio.
- Headed an operational planning team; planned and executed large-scale operational exercises.
- Designed and led training courses for new controllers and mentored junior officers.
- Subject-matter expert for integrating an advanced command-and-control system.

■ EDUCATION & TRAINING

Software Development and Advanced Software Developer Courses · Sela College

2021 – 2023

15 months: C#, .NET, JavaScript, React, Node.js, SQL, MongoDB, OOP, SOLID and design patterns.

Deep Learning Specialization · DeepLearning.AI (Andrew Ng), Coursera

2023

Mathematics for Machine Learning: Linear Algebra · Imperial College London, Coursera

2023

■ SKILLS

AI & LLMs	Claude (Claude Code, API), Gemini API, OpenAI Codex, prompt engineering, LLM-as-judge evaluation, RAG and embeddings, generative image, video and music
Agents & MCP	Multi-agent orchestration, MCP servers and clients, tool use, small-model routing, prompt-injection testing, approval gates
Engineering	Python, TypeScript, JavaScript, Node.js, React, React Native (Expo), Next.js, C#/.NET, SQL (SQLite, Postgres), MongoDB, REST APIs, webhooks, Jest
Platforms	Supabase, Railway, Vercel, E2B, Remotion, Obsidian, Git
Product	Discovery and specs, rapid POCs and prototyping, release management, bilingual Hebrew/English (RTL) UX
Languages	Hebrew (native), English (fluent)

■ REFERENCES

Col. (res.) Aviv Bar Zohar, Director, National UAV Test Field · Lt. Col. Adi Lazar, Israeli Air Force unit commander.
Full letters at oriringel.com.