

ITAMAR HANAN

Full-Stack Engineer

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SUMMARY

Full-stack engineer with professional experience at Hilma and four years of independent project work spanning web platforms, AI tooling, and mobile. Comfortable across the stack, from schema design to shipped UI. Fast, precise, and focused on systems that last.

SKILLS

Frontend: TypeScript, React, Next.js, Astro, Vite, Tailwind CSS, MUI, shadcn UI, Zustand, MobX, TanStack Query, React Hook Form, Zod, internationalization (i18n), React Native, Expo

Backend: Node.js, NestJS, Express, PostgreSQL, Supabase, MongoDB, Firebase, Drizzle ORM, WebSockets, Stripe, Vercel AI SDK

Tooling: Git, Docker, Turborepo, pnpm workspaces, GitHub Actions, Nginx, ESLint, Vitest, fast-check, property-based testing, Cypress, Linux

Practices: System design, API design, localization, performance optimization, accessibility, observability (PostHog, Vercel Analytics)

EXPERIENCE

Full-Stack Engineer | Hilma - High Tech for Society | Sep 2025 - Present | Jerusalem, IL

- Full-stack engineering on a large-scale production platform.
- Completed a 650-hour web engineering training program in about 2 months thanks to prior background.

Independent Engineer | Self-directed | 2022 - Present | Remote

- Shipped 11 full-stack projects covering adaptive exam prep, AI assistants, privacy-first analytics, developer tooling, and mobile.
- Ship each project in under one week while keeping the architecture clean and maintainable.
- Collaborated with developers abroad and completed the remaining projects independently.

PROJECTS

Xamio | 2026

- Built adaptive exam prep for the AMIRNET test with IRT-based difficulty targeting, SM-2 spaced repetition, a 3,600-word vocabulary system, bilingual RTL interface, PWA support, and Polar monetization.

Stack: Next.js, TypeScript, Supabase, Groq, Vercel AI SDK, Zod

Arc.AI | 2025

- Built a privacy-first Notion AI assistant with bring-your-own-key support, streaming chat, and full Notion read and write integration.

Stack: Next.js, TypeScript, Vercel AI SDK, Notion API

Zephiview | 2024

- Privacy-focused web analytics with real-time metrics, multi-domain tracking, and no third-party data sharing. Tracked 1,500+ events across dozens of domains within the first week after launch.

Stack: Next.js, Supabase, Stripe

EDUCATION

Web Technologies Training Course | Sep 2025 - Jan 2026

Hilma - High Tech for Society

- Accelerated through the 650-hour curriculum ahead of schedule based on prior engineering background. Led by Prof. Shlomo Kipnis (MIT CS), Head of Training and Academic Relations.

Darca Begin High School | 2019 - 2025

- CS track, 86/100. Independent full-stack project work alongside formal studies.

LANGUAGES

English: Proficient, Hebrew: Native