



Nir Tamir

Founding Engineer · Frontend-led, full-stack TypeScript · AI products

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Frontend engineer with 10+ years of experience. I've been the first or only frontend engineer at four startups, starting from an empty repo every time. I own the whole product surface (architecture, UI and the type-safe API layer) and go full-stack in TypeScript when the product needs it. I work agent-first, running parallel coding agents with lint rules and E2E tests as guardrails, and ship at the speed of a small team.

10+

years shipping web products

4x

first frontend engineer at a startup

50x

faster dev server after moving Cycode to Vite

100K+

monthly npm downloads (used by AWS SDK)

EXPERIENCE



Independent · Frontend / Product Engineer

Jan 2024 – Present

Remote engagements with AI startups in the US, Europe and Israel.



Genie Labs · AI image generation for creative studios

Mar – Apr 2026

- Started from zero: no repo, no infrastructure. Delivered a working MVP in 6 weeks as the only frontend engineer.
- Built a Figma-like canvas for arranging and editing AI-generated images, with an integrated AI chat that streams reasoning and tool calls to generate and edit images.
- Mocked the AI backend with its real recorded streams, so frontend work never waited on the backend. Onboarded the developers who took over the codebase.

React · TypeScript · Konva · TanStack AI · TanStack Query · MSW



Peaklight · AI that adds context to online content

Jan 2024 – Feb 2026

- Owned the frontend for 2+ years on a four-person founding team (founder, product designer, backend engineer, me), distributed across the US and Europe.
- Adopted Next.js App Router, React Server Components and Server Actions in early 2024. Diagnosed and fixed RSC first-load performance limits, and published the lessons as an article.
- Designed a type-safe API client shared across the frontend, and implemented WorkOS authentication. Both are published as articles.

Next.js · RSC · Server Actions · TypeScript · WorkOS



Mixtiles · Photo tiles for your walls

Jul 2024

- Improved 3D rendering performance in the product experience (2-week engagement).

Three.js · React Three Fiber



Youleap · Founding Frontend Engineer · Remote

May 2022 – Dec 2023

- Fourth team member, after the two founders and the VP R&D. Owned the entire frontend.
- Built an AI app generator: an Airtable-like data grid, plus a fine-tuned model that wrote React components bound to the user's data and rendered them live in Sandpack. This was 2023, before AI app builders became a category.

Next.js · TypeScript · Radix UI · TanStack Query · Tailwind · Sandpack · Turborepo



Cycode · Senior Frontend Developer · Seed to Series B

Sep 2020 – May 2022

- Joined as employee ~12 and the only frontend engineer. Drove the frontend architecture and technical decisions as the frontend team grew to 8 and the company to ~70 people.
- Built many product features from scratch end to end, from the UI to the Node.js and GraphQL API.
- Rebuilt the design system and built the shared table and data-fetching infrastructure the product runs on.
- Migrated the build from webpack to Vite, which made the development server 50x faster.

React · TypeScript · GraphQL · Node.js · TanStack Query · Vite



CME Group · Senior Frontend Developer

May 2019 – Jan 2020

- Built the documentation service for the new platform.

React · Redux · Node.js



Any.do · Frontend Developer

Aug 2018 – May 2019

- Built the new onboarding experience, the notification center and the referral flow for a productivity app with 10M+ users.
- Contributed to the Electron macOS app, including a native calendar integration (Objective-C++ Node addon).

React · TypeScript · Redux · Electron



Israeli Air Force, Ofek Unit · Software Developer

Oct 2014 – Mar 2018

Java

PRODUCTS I BUILD

Hadeshe

hadeshe-web.nirtamir.com

Soccer team manager with match video review, built solo with parallel agents (550+ commits since Jan 2026). Web, iOS, Android, Apple Watch (Swift) and Xiaomi watches: players log events offline on the watch and they sync to the match video.

Boxi

boxi.nirtamir.com

Auto-registration for gym classes. Solid 2 and Effect background workers, plus an MCP server that exposes it as a ChatGPT app.

Foreword

foreword.nirtamir.com

Learn a book's hard words before you read it. EPUB and PDF parsing runs in the browser; AI generates study cards with translations.

LEGO Racers

lego-racers.nirtamir.com

A browser remake of the 1999 game with Three.js and React Three Fiber, using models from the decompiled game.

OPEN SOURCE AND SPEAKING

ESLint plugins: Author of 6 published ESLint plugins and a strict shared ESLint / oxlint config. eslint-plugin-sort-export-all has 100K+ monthly npm downloads and is used by the AWS SDK for JavaScript v3.

Slidev for Obsidian: Community plugin with 1K+ downloads. Also slidev-addon-sandpack and pr-splitter (an AI tool that splits large PRs).

Talks: JavaScript Israel, ReactNext and NodeTLV, including "Adding AI Capabilities to React Apps with the Vercel AI SDK".

SKILLS

Frontend

TypeScript React (RSC, Compiler) Next.js SolidJS
TanStack Start / Router / Query Tailwind Design systems
Three.js / R3F React Native / Expo

Full-stack

Node.js oRPC GraphQL Prisma / Postgres
Better Auth / WorkOS Effect

AI products

Streaming chat and agent UIs with tool calls Vercel AI SDK
TanStack AI MCP servers / ChatGPT apps

How I work

Codex and Claude Code with parallel agents
Strict ESLint / oxlint configs Custom lint rules E2E tests

Earlier: Vue, Angular

Education · B.Sc. Applied Mathematics, Bar-Ilan University, completed at 19 through a program for gifted youth

Languages · Hebrew (native), English (fluent)