

Nir Feinstein

Full Stack & AI Software Engineer

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SUMMARY

Senior Full Stack and AI engineer with 14 years of shipping production software, from C# enterprise systems in the IDF to React/TypeScript, NestJS and Python/FastAPI products at AI startups. Most recently built autonomous AI agent workflows that carry engineering tasks end to end, including automated QA, code review and fixes. Founder of twelve released apps, built and run continuously since 2019 alongside every role, and author of an open-source agent framework with 870+ GitHub stars. Self-taught and used to owning features from design through CI/CD, deployment and monitoring.

CORE SKILLS

Languages	TypeScript, JavaScript, Python, C#, Kotlin / Java, Swift, Dart, SQL, HTML, CSS
Frontend	React, Next.js, Redux, Tailwind CSS, MUI, shadcn/ui, Storybook, responsive and accessible UI, SEO and Core Web Vitals
Backend & Data	NestJS, Node.js, FastAPI, .NET, REST APIs, WebSockets, PostgreSQL, MongoDB, Prisma / TypeORM / SQLAlchemy, Redis, OAuth2 / OIDC / JWT / SSO
AI & Agents	LLM apps on OpenAI, Anthropic and Gemini APIs, agentic workflows (plan, build, QA, review, fix), LangGraph, LangChain, MCP tools, Claude Code / Codex / Cursor, evals, regression testing, fine-tuning
Mobile & Desktop	Android (Kotlin / Java), Flutter, Swift for iOS and macOS, Electron, Chrome extensions
Infra & Cloud	AWS, GCP, Azure, Docker and Docker Compose, Kubernetes, Terraform, serverless (Lambda, Cloud Run, Vercel Functions), Linux, Nginx, DNS, SSL, secrets management
Delivery & Quality	GitHub Actions CI/CD, Jest / Vitest, Playwright / Cypress, code review, releases and rollbacks, feature flags, CloudWatch logging, monitoring and uptime alerts
Architecture & Leadership	Microservices and event-driven systems (Kafka, RabbitMQ, BullMQ, Celery), system design and architecture ownership, product analytics (Mixpanel, PostHog, GA), email and messaging APIs (SendGrid, Twilio, WhatsApp), mentoring, code reviews and technical leadership

EXPERIENCE

Base | Senior Full Stack Engineer Feb 2026 - Nov 2026
AI customer growth platform with autonomous AI agents for customer success teams. Tel Aviv, full-time.

- Built autonomous AI agent workflows that carry a development task end to end: specification, implementation, automated QA, code review and a fix loop, with human approval gates before merge.
 - Developed features across the React/TypeScript frontend and the NestJS and Python backend services.
 - Added evaluation and regression checks before release, plus a learning mechanism that turns detected mistakes and user feedback into lessons applied on later runs.
 - Kept delivery healthy: Dockerized NestJS services on AWS, GitHub Actions CI running lint, tests and agent QA gates on every pull request, and staged deployments to production.
- Position eliminated in a company-wide layoff.*

EasySend | Senior Full Stack Engineer, frontend oriented Apr 2025 - Jan 2026
No-code platform for digital journeys, forms and eSignature, used by insurers, banks and healthcare. Tel Aviv, hybrid.

- Delivered customer-facing features in the no-code journey builder with React and TypeScript, from design review to production release.
 - Built Python backend endpoints on AWS behind journeys and forms, including validation and integrations.
 - Worked in a large, long-lived React codebase: refactors, test coverage, CI checks and regression fixes alongside new feature work, including production hotfixes.
- Position eliminated in a company-wide layoff.*

Early-stage startup building AI-driven nurse scheduling for hospitals. Tel Aviv, full-time.

- Early engineer building the platform from the ground up: React/TypeScript frontend, Python/FastAPI backend, SQL.
- Set up delivery from scratch: Dockerized services, GitHub Actions CI/CD, GCP deployment, database migrations, logging and monitoring; owned features from data model to production.
- Worked directly with the founders to turn product requirements into shipped releases on a weekly cadence.
Resigned after more than a year in which the company had not signed a paying customer.

Freelance Full Stack Engineer, Consultant & Lecturer | Self-employed

2017 - 2023

Contract engineering for startups, consulting and full-stack teaching, alongside my own products. Israel.

- **Insait**, Senior Full Stack Engineer, Nov 2022 - Dec 2023, on-site: built LLM-powered assistants for banks and financial institutions with Python, LangChain and Node.js; React frontends, Dockerized services on Azure.
- **Suridata**, Full Stack Engineer, Aug 2021 - Dec 2021: React and Node.js, SaaS security (now Fortinet).
- **Hexagate**, Frontend Engineer: React frontend, Web3 security (now part of Chainalysis).
- **Nexcv**, Full Stack Developer: React and Node.js for a recruitment marketing SaaS.
- **Dipio Systems**, Android Developer: native Android app for a push-to-talk instant communication system.
- **HackerU**, Full Stack Lecturer, Dec 2019 - Jun 2020: HTML, CSS, JavaScript, React and Node.js bootcamp.
- **INT College**, Full Stack Lecturer, Jun 2020 - Oct 2021: full-stack bootcamp for career-changers.
- **Scale-Up Velocity (Startup Nation Central)**, Full Stack Lecturer, Jun 2020 - Oct 2021: full-stack course.

Prometheus Inspiring Technology | Software Engineer, Android & C# backend

Jun 2016 - Jul 2017

Custom software house in Tel Aviv building software for teams in the field and on site.

- Developed the company's Android application and its C# backend services.

IDF, Matspen unit (also known as Mamram) | Software Engineer, C# full stack

Jan 2013 - Jan 2016

- Developed and maintained enterprise systems in C# and .NET: WCF services on the backend and WPF desktop clients.
- Trained on the job and handled releases of mission-critical systems to IDF production environments.

FOUNDER & DEVELOPER, INDEPENDENT PRODUCTS

Sep 2019 - present. Twelve products built and run solo, with CI/CD, cloud deployment, auth, billing and monitoring.

VidGen Studio (vidgen.studio) AI video generator (SaaS) · **Gramfix** (gramfix.app) AI grammar fixer for macOS · **Dashob** (dashob.com) desktop web browser for building live dashboards · **OnlinePages** (onlinepag.es) no-code landing page and personal website builder · **Plainer** (plainer.app) AI collaborative workspace with files, chat and an agent · **Betterloop** (betterloopai.com) frontend session insights with AI-ranked fixes · **MyFeed** (myfeed.space) AI-personalized news feed delivered by email and WhatsApp · **KeepFinding** (keepfind.ing) AI-powered discovery app · **Sumbli** (sumbli.com) AI collaborative content platform · **Uniget** (uniget.com) personal assistant services and developer tools · **Open World** (open-world.gg) 3D browser game you change by chatting with AI · **WebSkins** (github.com/fainir/webskins) Chrome extension that reskins any website with AI

OPEN SOURCE

most-capable-agent-system-prompt: system prompt and architecture for self-improving agents (870+ stars) · **RegressGuard**: self-hosted CI eval harness for prompt regression testing (Docker + CLI) · **Conductor**: verified, retried and fallback-backed commands for Claude Code, served as MCP tools · **Flipback**: Claude Code plugin that resumes agents when announced work is left unfinished · **account-access**: scoped, resumable account access for coding agents, with OAuth renewal · **Recall**: markdown and wiki-link memory layer for LLM agents, no vectors · **Handy AI**: Android assistant that completes tasks on your phone (Kotlin) · **standup**: generates a standup update from git commits in one command · **mac-keepawake**: command-line tool that keeps a Mac awake with the lid closed and dims the backlight (Shell)

EDUCATION & LANGUAGES

ORT Guttman High School, Computer Science and Physics majors

2009 - 2012

Self-taught software engineer; on-the-job software development training in the IDF.

Languages: Hebrew native | English fluent | Russian intermediate