

Ehud Vaknin

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Software Engineer graduate **with distinction (Dean's Honors)**, experienced in building and scaling **production B2B SaaS platforms** end-to-end - from **system architecture** and **backend development** to **AI integrations** and **CI/CD pipelines**. Strong ownership mindset, problem-solving abilities, and a passion for developing scalable, high-impact software solutions.

Education

2022-2026 - B.Sc. in Software Engineering, Sami Shamoon College of Engineering. **GPA: 92.**

Work Experience

Software Engineer - Mind Artists Journey (2025-2026)

Led development of a **production B2B SaaS platform** for coaches and business owners, owning the system **end-to-end**: architecture, database schemas, **REST APIs**, frontend, **AI integrations**, and **CI/CD**.

Leadership

- **Recruited and managed an offshore developer** across time zones - scoping R&D tasks, reviewing PRs on GitHub, and coordinating release cadence.

AI & Backend

- Designed and shipped **AI-powered lead engagement and nurturing systems**, integrating **OpenAI, Anthropic, and Gemini** for content and transcript workflows, with **memory-based automation** for context retention.
- Engineered an **embeddings-based RAG pipeline** and modular knowledge architecture deploying brand-specific context across **five AI surfaces** - powering **semantic search** and a real-time **in-product AI coach** with OpenAI streaming.
- Implemented secure **GoHighLevel CRM integrations** with **signature-validated webhooks** and **idempotent** contact sync; cut AI messaging latency via **server-side RPC aggregation** and **React Server Components (RSC)** prefetching.

Learning Management System

- Architected an **LMS** with a **hierarchical content tree**, automated enrollment policies, and a **rule-based milestone engine** with auto-generated certificates.
- Integrated **Mux** and YouTube for video analytics and progress tracking; used **Supabase Realtime** for live session state management and gamification.

Infrastructure & Reliability

- Built **CI/CD pipelines** with parallelized **Playwright E2E tests**; profiled artifact upload/download steps and removed bottlenecks, **cutting total pipeline time from 20 to 12 minutes**.
- Managed **multi-environment deployments** (production + preview) on **Vercel** and **Supabase**.

Skills

- **Languages & Frameworks:** TypeScript, Next.js, React, Python, C, C++, C#, Java, SQL
- **Infrastructure & Tools:** FastAPI, Supabase (Postgres, Auth, RLS, Realtime, Edge Functions), Vercel, Docker, Stripe, Mux, Redis, Playwright, GitHub (PRs & CI/CD), MongoDB, Cursor, Claude Code

Languages: Hebrew - Native | English - Fluent