

# TAMAR KARWAN

Frontend Developer | React & JavaScript | HealthTech & AI

tkarwan@gmail.com • 052-8988774 • Herzliya, Israel • [linkedin.com/in/tamar-karwan-b4784b256](https://www.linkedin.com/in/tamar-karwan-b4784b256) • [github.com/tamtam888](https://github.com/tamtam888)

## SUMMARY

Frontend Developer with a strong product mindset and a unique background in therapy and human-centered care. I build complex, user-focused web applications using React and JavaScript, combining AI integrations and automation (Make, n8n). I use Vibe Coding tools (Claude Code, Lovable, Cursor) to rapidly build and deploy full-featured products. Highly self-driven learner with strong motivation to grow — I bring technical skills and deep human understanding to every project.

## SKILLS

**Development:** React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Vite, REST APIs · Python (basics – SHE CODES) · TypeScript (self-learning)

**AI & Automation:** OpenAI API, Prompt Engineering, Make.com, n8n, AI Agents, Claude Code, Lovable, Cursor, v0.dev

**DevOps & Tools:** Docker, GitHub Actions, CI/CD, Jest, React Testing Library, Git, GitHub, Vercel, Postman

**HealthTech:** Medplum (FHIR), Supabase, IndexedDB, MediaRecorder API, FullCalendar, Row Level Security (RLS)

## PROJECTS

### TaskAi — Smart Task Manager SaaS (Vibe Coding)

Next.js 14 • TypeScript • Supabase • Tailwind CSS • shadcn/ui • TanStack Table • Recharts

Production-quality Hebrew RTL task management SaaS — Monday.com-inspired without the complexity. Monday-style table with inline editing and smart sorting, Focus Mode (top 3 priority tasks, live-updating), dashboard with charts (completion %, overdue, priority), full responsive design, Supabase Auth + RLS ensuring every user sees only their own data.

### MaddCare — Clinic Management Platform + Video Module (Full-Stack · FHIR · Vibe Coding)

React • Vite • FullCalendar • Medplum (FHIR) • MediaRecorder API • IndexedDB • Vitest

Full clinic management SPA for therapists with drag-and-drop appointments calendar, conflict detection, role-based access (Admin/Therapist), real-time notifications, and Medplum FHIR sync. Integrated video session module (Vibe Coding): record patient sessions via MediaRecorder API, offline IndexedDB storage, clinical markers/tags, and side-by-side synchronized session comparison.

### VIBE Music — AI-Powered Music Player (Vibe Coding)

React 18 • TypeScript • Supabase • Replicate AI (MusicGen) • Tailwind CSS • PWA

Full-featured music app with AI Radio engine that sequences tracks by BPM, energy, and mood. Spotify import, BPM scanner, AI track generation, Supabase cloud sync, shareable mixes, PWA installable, dark mode, and Hebrew/English bilingual RTL support.

### TaskMan — Gamified Task Manager (Full-Stack · CI/CD)

React • Google OAuth2 • Docker • GitHub Actions • Jest • React Testing Library

Retro-inspired productivity app with Game Mode (score, levels, sound effects), Google OAuth2 per-user auth, priority levels and due-date tracking. Full engineering best practices: automated tests in CI, GitHub Actions CD, Docker containerization.

## EXPERIENCE

### Hydrotherapist & Rehabilitation Specialist

2003 – 2024

- Translated complex human needs into structured treatment plans — applying user-first thinking directly to product development.
- Communicated complex information to diverse audiences; built strong analytical problem-solving skills.

## EDUCATION & LEARNING

### SHE CODES — Full-Stack Web Development

2024 – Present

HTML, CSS, JavaScript, React | Team projects, real-world applications

### AI Courses & Self-Directed Learning — Automation & TypeScript

2024 – Present

AI courses, Make.com, n8n, OpenAI API, Prompt Engineering, TypeScript, Vibe Coding tools

## LANGUAGES

**Hebrew:** Native

**English:** High level — professional reading, writing, and communication