

Pourya Omidian

Software Architect · Product Engineer
Creative Technologist · Founder



 neonotion.net/ceo

Iran — Open to Remote, Relocation, and Hybrid

Product-oriented Software Architect, Creative Technologist, and Founder with over 20 years of experience designing and building advanced digital systems at the intersection of software engineering, AI-assisted products, and multimedia experience design. Founder of NeoNotion, a solo-founded product and innovation studio where I architect, engineer, design, and evolve complete platforms end-to-end — from system architecture and frontend engineering to UI/UX, embedded intelligence, and product strategy.

My work focuses on building platforms, not just projects: scalable, modular, internationalized systems designed for long-term evolution, productization, and commercialization. In parallel with employment opportunities, I am actively open to startup partnerships, product licensing, venture-scale collaboration, or co-founding opportunities around my in-house products such as NeoCRM, NeoVita, and related platforms.

I combine deep engineering execution with strong artistic and product vision, enabling me to deliver systems that are not only technically robust, but also emotionally engaging, visually distinctive, and market-ready.

Objective

Seeking opportunities to:

- Join product-driven companies or startups as Senior / Lead / Principal Engineer, Software Architect, or Product Engineer
 - Act as Technical Lead, Product Architect, or Venture Builder in startup environments
 - Co-build, scale, and commercialize complex platforms as long-term products
 - License, spin off, or jointly develop in-house products (NeoCRM, NeoVita, NeoClient, etc.)
 - Work in environments that value architecture, product ownership, and long-term vision over short-term feature delivery

Core Competencies

- Software Architecture & System Design
- Product Engineering & Platform Design
- Frontend Engineering (React, TypeScript, SPA, PWA)
- Embedded AI Systems (Heuristic / Rule-Based / Behavior-Driven)
- No-Code / Polymorphic Data Systems
- Internationalization Engines (i18n, RTL/LTR, Calendars, Currency)
- Security-Oriented Client Architectures
- Offline-First & PWA Systems
- Complex UI Systems & Design Engineering
- Technical Leadership, Product Ownership & Vision

Technical Stack

- Languages: TypeScript, JavaScript, Python, PHP, SQL
- Frontend: React 18, Vite, Tailwind CSS
- Architecture: SPA, PWA, Modular Component Architecture, State-driven Routing
 - APIs & Platforms: Web Crypto API, Intl API, Canvas API, Service Workers
 - Auth & Security: Google Identity, Custom Client-side Encryption & Hashing
 - Data: JSON-based Polymorphic Data Models, LocalStorage
 - Design & UI: Custom Design Systems, Theming Engines, Motion & Animation Systems

Experience

Founder · Software Architect · Product Engineer

NeoNotion — Independent Product Studio / Freelance

2005 – Present

- Founded and operate NeoNotion as a solo product and engineering studio delivering end-to-end software products, platforms, and digital systems.
- Act as full product owner: system architect, lead engineer, UI/UX designer, and technical decision-maker.
- Design and implement complex, scalable application architectures with strong focus on modularity, maintainability, and long-term evolution.
- Build AI-assisted features using embedded, rule-based and heuristic intelligence systems deeply integrated into product logic.
- Develop fully internationalized, multi-language, multi-calendar, and multi-currency platforms.
- Implement offline-first PWA systems with service workers, caching strategies, and full backup/restore pipelines.
- Deliver freelance and contract-based product development while continuously building proprietary startup-grade platforms.

Selected Products & Platforms

NeoCRM — AI-Assisted Polymorphic Workspace & CRM Platform (2026)

A next-generation, startup-grade CRM and business workspace platform designed for global, multi-industry usage.

- Architected and implemented a polymorphic data and page system allowing users to define their own data structures without coding.
- Designed a full modular SPA architecture using React 18 + TypeScript.
- Implemented a custom embedded AI assistant (“Neo”) that:
 - Analyzes user behavior and data patterns
 - Detects overdue tasks, low engagement, and workflow gaps
 - Produces contextual insights and productivity recommendations
- Built a full internationalization engine:

- RTL / LTR layout switching
- Persian (Solar), Gregorian, and Hijri calendar support
- Multi-currency support (Toman, USD, EUR, AED, etc.)
- Implemented:
 - Client-side password hashing (Web Crypto API)
 - Offline-first PWA architecture
 - Full backup & restore system
 - Super Admin panel for system-wide management
- Developed modules:
 - Dynamic Tables, Calendar, Polls, Q&A Knowledge Base, Whiteboard (Canvas API)

Business Direction: Actively developed for licensing, sale, or spin-off as a startup / SaaS platform.

NeoVita — AI-Assisted Nutrition & Lifestyle System

An intelligent diet and lifestyle planning system:

- Analyzes monthly user behavior and habits
- Adapts nutrition plans to lifestyle patterns
- Uses embedded AI logic to personalize recommendations over time
- Designed as a scalable consumer health & wellness platform

NeoClient — AI-Powered CRM for Skin Therapy Professionals

A specialized CRM and intelligent assistant platform for skin therapists and beauty clinics:

- Client management + treatment history
- AI-assisted recommendations for care routines and follow-ups
- Business-oriented workflow automation for clinics and solo professionals

NeoGame — Social & Physical Game Platform

A collection of physical, social, and group-based games designed to combine:

- Real-world interaction
- Group play mechanics
- Gamified social experiences
- Designed as a hybrid digital + physical entertainment concept

Creative & Digital Media Projects

In parallel with software engineering, I have professional experience in:

- Website design and development
- NFT project design and creation
- AI-assisted music album production
- Motion graphics, 3D visuals, and music-driven video productions

These skills allow me to integrate branding, storytelling, and visual identity directly into product development.

Portfolio (Visual Works): Instagram: @neonotion.co

Entrepreneurial & Venture-Building Focus

- Strong focus on building, scaling, and commercializing products, not just delivering projects.
- Open to:
 - Startup co-founding
 - Product partnerships
 - Licensing and acquisition discussions
 - Venture studio collaborations
- Comfortable acting as:
 - Technical Lead
 - Product Architect
 - Early-stage Technical Co-founder
 - Or Senior / Principal Engineer with strong product ownership

Education & Certifications

- CS50 Artificial Intelligence — Harvard University
- CS50 Web Development — Harvard University
- Google Advanced Data Analytics Professional Certificate
- Foundations of Data Science
- Machine Learning Fundamentals
- Statistics & Regression Analysis
- Python for Data & Software Development
- HTML, CSS, PHP — Tehran University
- SQL — Tehran University
- Django — Tehran University
- JavaScript & Git — Tehran University
- 1Million Prompters Program — Dubai Future Foundation

Working Style & Strengths

- Architecture-first and system-level thinking
- Strong product mindset and ownership culture
- High independence, responsibility, and execution power
- Used to designing, building, and maintaining complex systems end-to-end
- Comfortable in international, remote, and cross-functional environments

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