

POURYA OMIDIAN

Founder | AI-Native Software Architect | Creative Technologist

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PROFESSIONAL SUMMARY

Visionary Founder, Software Architect, and Creative Technologist redefining the speed and scale of product development. By bridging deep technical engineering with advanced AI-native workflows (Generative AI & LLM orchestration) and high-end multimedia design, I single-handedly architect, build, and deploy enterprise-grade platforms at 5x the velocity of traditional teams. Founder of NeoNotion, an independent product studio delivering scalable, modular, and visually distinctive SaaS solutions. Proven track record in leveraging Capital Efficient engineering to translate complex product visions into market-ready, secure, and internationally adaptable realities.

CORE COMPETENCIES

- AI-Native Engineering & Prompt Architecture: LLM Orchestration, AI-Assisted Code Generation, Heuristic & Rule-Based Intelligence.
- Software Architecture & System Design: Enterprise SaaS Design, Multi-Tenant Cloud Architecture, Polymorphic Data Systems, Zero-Trust Security Models.
- Frontend & Creative Technology: React 18, TypeScript, Vite, Tailwind CSS, SPA, UI/UX Design, Motion Graphics, and Visual Identity.
- Internationalization (i18n): RTL/LTR Engines, Multi-Calendar (Gregorian/Jalali), Multi-Currency Architecture.
- Security & Infrastructure: Cloud SQL, Firebase/Firestore Security Rules, Web Crypto API, Client Encryption, VPS Deployment.

TECHNICAL STACK

- Languages: TypeScript, JavaScript, Python, PHP, SQL, HTML5, CSS3.
- Frontend & Design: React 18, Tailwind CSS, Motion Engines, Figma, Adobe Creative Cloud (Design & Motion).
- Backend & Data: Node.js, Express, Firebase (Firestore, Auth), Supabase, Google Cloud Platform (GCP).
- Architecture: AI-Augmented Workflows, PWA, WebSockets, Service Workers.

PROFESSIONAL EXPERIENCE

FOUNDER, SOFTWARE ARCHITECT & PRODUCT ENGINEER

NeoNotion — Independent Product Studio | 2008 – Present

- Capital-Efficient Solo Execution: Act as the sole product owner, system architect, lead engineer, and UI/UX designer, eliminating the need for large R&D teams by leveraging AI-native development workflows.
- Enterprise Architecture: Architect and deploy secure, scalable application environments, including Multi-Tenant cloud architectures with strict role-based access control (RBAC) and zero-trust database security rules.
- Creative Engineering: Merge rigorous backend engineering with fluid frontend motion design and branding, ensuring platforms are not only robust but visually exceptional.
- Global Scaling: Build fully internationalized platforms supporting complex multi-language (RTL/LTR), multi-calendar, and multi-currency standards.
- Legacy Overhauls: Engineered super-customized enterprise WordPress plugins (booking engines, dynamic form builders) to circumvent commercial framework limitations.

PROPRIETARY PRODUCTS & PLATFORMS (100% INDIVIDUALLY BUILT)

- Neo OS (Enterprise Cloud Operating System): A browser-native OS designed to eliminate context-switching. Unifies CRM, Task Management, Analytics (Power BI-like capabilities), and Billing into a secure, multi-window virtual desktop. Features enterprise-grade multi-tenancy and live collaboration.
- NeoCRM (AI-Assisted Polymorphic Workspace): Next-generation SaaS CRM featuring a polymorphic data architecture, enabling users to construct custom data structures without writing code, powered by workflow gap analysis.
- NeoVita (AI-Assisted Nutrition System): Consumer health ecosystem analyzing behavioral data with heuristic decision logic to personalize lifestyle recommendations.
- NeoClient (Vertical SaaS for Skin Therapy): CRM managing client treatment histories, automated pipelines, and post-care tracking.
- NeoGame (Phygital Gaming Platform): Hybrid concept merging interactive digital platforms with physical group-play mechanics.

EDUCATION & CERTIFICATIONS

- Artificial Intelligence (CS50) – Harvard University
- Web Development (CS50) – Harvard University
- 1 Million Prompts Program – Dubai Future Foundation
- Google Advanced Data Analytics Professional Certificate (Machine Learning, Python)
- Web Engineering (HTML, CSS, PHP, SQL, Django, JS) – Tehran University
- Advanced Python Programming & Algorithmic Design Certification