

IGOR KALENNYY

Product Strategy | AI Product Experiences | Bridging UX & Engineering

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SUMMARY

As a cross-functional product builder, I bring together product management, product design, AI, and full-stack software engineering to help build products that create meaningful customer impact and business outcomes.

I'm seeking Product Management and adjacent product leadership roles where I can help define what gets built, why it matters, and how products create value.

I lead with systems thinking, focusing on product discovery, product direction, strategy, and prioritization rather than isolated features or interfaces.

I'm especially interested in AI-enabled and agent-assisted products that create meaningful business value while reshaping how people interact with technology. I have hands-on experience designing and building AI agents.

CORE STRENGTHS

Product: Cross-Functional Product Leadership, Product Discovery, Product Direction, Systems Thinking, Product Strategy, Prioritization

AI: AI Product Experiences, AI Agent Design, Multi-Agent Workflows, Agentic Systems, AI Workflow Automation

UX: Problem Framing, Concept Development, Interaction Design, UX Research, Information Architecture

Engineering: Software Engineering, Full-Stack Development, Software Architecture, Technical Implementation

PROFESSIONAL EXPERIENCE

Product Design Lead

Maximus (CDC / NIOSH) | Jul 2018 – Feb 2026

Impact & Leadership

- Partnered with the Product Owner, engineering, and stakeholders to help shape product direction, prioritize features, evaluate implementation trade-offs, and align decisions with user needs, technical feasibility, and business goals.
- Served as a bridge between engineering, UX, product, and stakeholders, aligning technical direction, user needs, and business goals to inform product strategy, roadmap priorities, and key product decisions.
- Established UX research and a user-centered design process as trusted parts of product development, introducing UX earlier to reduce rework and enable better-informed product decisions before development began.

Worker Health Charts

A data visualization tool by NIOSH for exploring occupational health data.

- Helped define the product direction for transforming a fragmented data exploration tool into a flexible decision-support experience.
- Redesigned how users discovered, filtered, organized, and explored occupational health data, simplifying complex analysis and making information easier to find and compare.
- Shifted the product from manual data retrieval toward helping users discover trends, patterns, and insights.

NIOCCS

A system by NIOSH that automatically codes job descriptions into standardized industry and occupation classifications.

- Helped shape the product strategy for evolving the platform into a smarter decision-support system for occupational coding.
- Redesigned complex review workflows by improving task organization, feedback, error recovery, and decision support, enabling experts to make faster and more confident coding decisions.

INDEPENDENT PRODUCT EXPERIENCE

Independent Product Consultant

OPA! Greek Restaurant | Indianapolis, IN | 2024 – current

- Led the transformation of the restaurant's digital presence by helping shape the vision and roadmap for a digital customer ecosystem, evolving an outdated one-page website into a customer-facing platform supporting online ordering, customer engagement, digital marketing, and business growth.
- Translated the owner's business vision into a digital product strategy, balancing customer needs, technical constraints, platform capabilities, and implementation trade-offs.
- Established analytics and reporting that informed product and business decisions, supporting a digital customer ecosystem that, during its first 24 months, attracted nearly 30,000 new users, generated 71% organic traffic, captured 250+ direct website subscribers, enabled 15–20% of orders through direct online ordering, reduced reliance on costly paper coupon campaigns, and enabled ongoing customer engagement through low-cost email marketing.

PREVIOUS EXPERIENCE

Senior Software Engineer (Web / Full Stack)

OneAmerica Financial | 2013–2016

- Led architecture, design, and development of responsive web applications for internal and external users.
- Re-architected systems to reduce maintenance overhead and improve development efficiency.
- Built customer-facing and internal tools that improved performance and user experience.

Senior Software Engineer (Web / Full Stack)

Hurco, Inc. | 2010–2012

- Developed multi-tier applications enabling remote monitoring and diagnostics of industrial machines.

Software Engineer (Web / Full Stack)

Various Roles | 1999–2009

- Built data processing systems for transforming, validating, and storing complex data inputs.
- Developed enterprise web applications across insurance, transportation, and analytics domains.

SKILLS

Design & Research: Balsamiq, Axure, Figma, Sketch, UX Pilot, Optimal Workshop, Adobe Suite

AI Tools: MindStudio, Claude Code, Cursor, Lovable

Engineering: HTML/CSS, JavaScript, C#, .NET, SQL, REST APIs, Responsive Design

Methods & Practices: AI-Assisted Prototyping, Agile, Design Thinking, Service-Oriented Architecture

CERTIFICATIONS

Certified MindStudio AI Agent Developer

MindStudio (<https://www.mindstudio.ai/>)

PUBLICATIONS

Co-author

Using Card Sorting to Improve Public Health Information: Enhancing Worker Health Charts.
Public Health Reports, 2026

<https://doi.org/10.1177/003333549261440314>

EDUCATION

Master of Science, Human-Computer Interaction

Indiana University

Bachelor of Science, Computer Science (Cum Laude)

Franklin University

Master of Music in Performance

Carnegie Mellon University

ADDITIONAL

U.S. Citizen

Security Clearance: Tier 2 (Public Trust-5)