

Dmitrii Kargaev

AI Product Engineer / Designer

Los Angeles, CA deeflect.com linkedin.com/in/dkargaev github.com/deeflect behance.net/dkargaev

PROFESSIONAL SUMMARY

I design AI products and build them end to end. I combine 15+ years in product design with hands-on engineering across AI agents, RAG, product automation, and full-stack web apps. Previously sole product designer for an institutional fintech platform used by 70+ financial institutions across 15+ countries and \$4B+ in managed deals. Now I build production AI systems, open-source agent tooling, and contract products where one person needs to move from idea to shipped software.

SELECTED AI / PRODUCT WORK

- **Dory** — open-source shared memory layer for AI agents; local-first Markdown corpus, SQLite index, CLI/HTTP/MCP interfaces.
- **SEO-to-GEO research** — authored SSRN paper on generative search ranking factors, DOI 10.2139/ssrn.6476021.
- **Don't Replace Me** — wrote and published a practical book about AI's effect on knowledge and creative work.
- **Agent systems** — built multi-agent workflows for content, code review, research, memory, and business automation.

WORK EXPERIENCE

AI Engineer & Product Designer

2022 - Present

Deeflect, Los Angeles, CA

- Design and build AI products end to end: product strategy, UX, Next.js/TypeScript frontends, Python/Node backends, databases, deployment, and LLM integrations
- Built production agent systems using Claude Code, Codex, custom orchestration, tool calling, memory, task delegation, and sub-agent routing
- Built RAG and retrieval systems with pgvector/Pinecone-style architectures, hybrid search concepts, reranking, and relevance tuning
- Shipped open-source and public products including Dory, codemode, dee-ink, awesome-geo, and AI/GEO research projects
- Cut manual work for clients through n8n, scripts, custom dashboards, and AI-assisted content/code workflows

Founder & Solo Builder

2025 - Present

dee.agency, Los Angeles, CA

- Run a solo design, code, and AI studio for founders: UX audits, landing pages, AI integrations, MVPs, and product sprints
- Take projects from brief to live URL: scope, design, build, deploy, analytics, handoff, and iteration

Founder & Technical Lead

Feb 2021 - Present (Part-time)

Independent Web3 Projects, Los Angeles, CA

- Built blockchain products end to end: Solidity smart contracts, React/Next.js frontends, analytics dashboards, and monitoring bots
- Products reached multimillion-dollar market caps with organic communities of 15,000+ holders
- Developed a custom presale platform and launch tooling across contracts, frontend, analytics, and operations

Lead Product Designer

2017 - 2022

Datai Network / VALK, United Kingdom (Remote)

- Sole product designer for institutional trading, custody, and transaction UX used by 70+ banks, funds, and financial institutions across 15+ countries
- Designed products supporting \$4B+ in managed deals; work received industry recognition and press coverage in CNN, Forbes, and Yahoo Finance
- Built the design system and component library with design tokens from scratch, supporting complex multi-stakeholder financial workflows
- Designed DeFi analytics, white-label transaction systems, investor dashboards, cap table tools, compliance flows, and data-heavy interfaces

Lead UX/UI Designer

Mar 2018 - Nov 2019

Spacecode, Moscow, Russia

- Worked with Kaspersky, OTPBank, and other major brands; delivered 50+ web, iOS, and Android products
- Delivered a banking loyalty program for 65,000+ users and a partner portal for 3,000+ MSP partners
- Led a team of 5 designers, ran client presentations, built internal design systems, and mentored junior designers

Freelance Designer

2010 - 2017

Independent, Irkutsk / Remote

- Started doing design work at 14; worked across web design, branding, e-commerce, product UI, front-end, and visual systems
- Behance portfolio reached 162K+ views and 14.7K+ appreciations

SKILLS

AI / ML AI agents, multi-agent orchestration, RAG, agent memory, tool calling, structured outputs, vector search, hybrid search, context engineering, evals

Engineering TypeScript, React, Next.js, Python, Rust, Node.js, PostgreSQL/pgvector, Redis, Docker, Tailwind CSS, REST APIs, GraphQL, webhooks

Design Product design, UX/UI, design systems, design tokens, Figma, prototyping, information architecture, accessibility, complex workflow design

Product End-to-end shipping, founder/product strategy, technical scoping, async client work, documentation, stakeholder communication

TOOLS & TECHNOLOGIES

Claude Code, Codex, Cursor, OpenAI API, Anthropic API, LangChain, LangGraph, llama.cpp, Ollama, MCP, Pinecone, Qdrant, pgvector, Supabase, Vercel, Cloudflare, Docker, GitHub Actions, n8n, Playwright, Sentry, PostHog, Figma, Adobe Creative Suite, Framer Motion, Three.js, Solidity, Ethers.js, Weights & Biases

EDUCATION

BS, Computer & Information Systems Security

2013 - 2017

Moscow State Linguistic University

UX/UI Design Program

2018 - 2019

Moscow Digital Academy