MARK SKRYPKA

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AI Engineer & Tech Lead

AI engineer and tech lead with eight years of shipping products. I build AI agents, voice agents and the platforms around them, and lead the teams that ship them.

Experience

Jack
May 2025 – Present

Lead AI Engineer Contract, Portland, Oregon, Remote

Jack is an AI-powered house manager. Homeowners get instant estimates and trusted local pros, and pros get the tools to run their business.

- Architected the platform from scratch and lead the engineering team.
- Built the voice agents that take requests, schedule jobs and follow up with customers.
- Built the AI agents and instant estimates at the core of the product.
- Built payments, pro onboarding and the internal tools the team runs on.

AI agents, Voice AI, LLMs, Next.js, Node.js, Stripe

Independent
Jul 2023 – Aug 2026

Independent AI Engineer Freelance, Remote

- Built and shipped AI products for startups, including agent workflows, retrieval systems and the apps around them.
- Worked directly with founders, and owned architecture and delivery where I led the build.

AI agents, RAG, LLMs, TypeScript, Next.js, PostgreSQL

Cactus AI
May 2023 – Aug 2024

Founding Engineer Contract, United States, Remote

AI platform for commercial real estate underwriting and investment analysis.

- Joined as the first engineer and owned the frontend from an empty Next.js repo while the CTO built the backend.
- Built the underwriting and deal-analysis UI, data-heavy screens and document flows.
- Set up the frontend architecture the later engineers and designers built on.

React, Next.js, TypeScript, Tailwind CSS

DataArt
Sep 2018 – Mar 2023

Software Developer Full-time, Remote

- Built web and mobile products for DataArt's clients with React, Next.js, React Native and Node.js.
- Promoted twice.

React, Next.js, React Native, Node.js, PostgreSQL

Skills

AI	AI agents, Voice AI, Large language models, RAG, Vercel AI SDK, LiveKit
Product engineering	TypeScript, Next.js, React, Node.js, PostgreSQL, Stripe
Leading	System architecture, Tech leadership, Product delivery
Also	Python, FastAPI, AWS, React Native

Building

Ray	An AI teammate for teams that live in chat. heyray.io
GEOFast	Shows how often AI answers name your brand. trygeo.fast
stem	An open-source discipline for coding agents. github.com/skrypka-mark/stem

Education and languages

Education	Kharkiv National University of Radio Electronics, 2019 – 2023 Bachelor's degree, Computer Engineering
Languages	Ukrainian (native), English (fluent), Spanish (elementary)