James Lukanta

AI Product and Platform Engineer

San Francisco Bay Area | james@lukanta.com | lukanta.com

Profile

Engineer and founder working across AI-assisted products, developer experience, native platforms, and workflow systems. I turn ambiguous product and engineering problems into practical systems, with experience in platform architecture, technical leadership, and hands-on development.

Experience

Founder / Engineer - Tracecove

April 2026 - Present | San Francisco Bay Area

- Lead product direction and engineering for AI-assisted products and workflow systems.
- Build Health Story to organize symptom history into useful context for medical visits.
- Build Cove to turn design and product inputs into specifications and engineering plans.

Senior Engineer, Native Platform Engineering - Credit Karma

January 2017 - March 2026 | San Francisco Bay Area

- Tech lead for the Embedded Web Apps platform, spanning architecture, developer experience, and cross-platform adoption.
- Led native platform observability; reduced false-positive alerts from approximately 40 per week to near zero.
- Built a cross-platform KeyValueStore, local-development tooling, and an MCP-based documentation discovery tool.
- Contributed expertise in native app boot flow, debugging, and platform architecture.

Founder / Engineer - Big Canvas

February 2013 - December 2016

- Co-founded a real-time collaborative drawing platform that reached 31,000 users and approximately 1,000 daily active users.
- Led client and server engineering, including drawing, collaboration, chat, rendering, caching, moderation, and infrastructure.

Software Engineer (Contract) - Pineapple Games

February 2015 - June 2015 | Vancouver

- Prototyped gameplay systems, tutorials, and product experiments using Objective-C and Cocos2d.

Founder / Engineer - BitNapkin

January 2012 - January 2013 | Greater Vancouver Metropolitan Area

- Built a real-time collaborative whiteboard with shared editing and voice communication.

Education

University of Waterloo

BSE, Software Engineering Honours | 2006 - 2011

Graduated with Distinction, Cognitive Science Option.

Seneca Polytechnic

College Diploma, Computer Programming and Analysis | 2003 - 2006

Areas of work

Platform engineering, developer experience, AI-assisted product development, embedded web, native/mobile systems, workflow design, observability, and technical leadership. Swift and Objective-C.

Contact

james@lukanta.com | LinkedIn | GitHub | lukanta.com