

PORTFOLIO · 2026

Lucas *Liberatore*

Solo operator. Three live products. One in stealth. Full-stack engineering, security tooling, native iOS, and editorial design — one person, Austin.

FREQUENCY43 LLC · AUSTIN, TX · 2026

COVER


LUCASLIB.COM



02 · SELECTED WORKS · 2025-2026


The pantheon, *at a glance.*

Four production systems. Three live to the public. One in stealth. Each built end-to-end by one operator over the past five months.



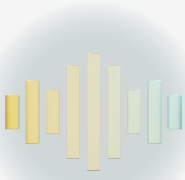
Aether
Daily ritual app · iOS · App Store

LIVE ON APP STORE 2026



Tridentscan
Public-surface security scanner

LIVE · FREE TIER 2026



Freq43 / DIGR
Music marketplace · Stripe Connect

LIVE · PRODUCTION 2025



Eclipse
Fourth product · Reveals 2026

STEALTH · 2026 2026

03 · THE OPERATOR

Solo, *by design.*

Founder of Frequency43 LLC. Three live products and one in stealth — iOS app on the App Store, public-surface security scanner, music marketplace, and one in development.

BACKGROUND	Finance degree, California State University Chico, 2021.
OPERATIONS	Five years running operations for teams of up to 200 in luxury retail and hospitality.
PRACTICE	Sole owner across design, full-stack engineering, deployment, billing, customer support, and growth.
STACK	Vercel · Cloudflare · Supabase · Stripe Connect · RevenueCat · EAS Build · GitHub. Zero contractors.



I build things that work—then I ship them.

LUCAS LIBERATORE · FREQUENCY43 LLC

Aether

MANIFESTATION AND GOAL-SETTING
APP

*Native iOS daily ritual app. Three movements, eight minutes.
Grounded in Neville Goddard, Joe Dispenza, Abraham Hicks, Joseph
Murphy, and Florence Scovel Shinn.*

LIVE ON APP
STORE

2026

06 · AETHER · RECEIPTS

Aether

App Store live

5.0 ★ launch reviews

Solo design + engineering

- Built and shipped solo — design, code, App Store release engineering, marketing site.
- RevenueCat subscriptions, EAS Build pipeline, TestFlight → production rollout.
- Native SwiftUI feel via React Native + Expo · daily-ritual habit loop · editorial visual system.

BUILT WITH

REACT NATIVE

EXPO · EAS BUILD

REVENUECAT

TESTFLIGHT

APP STORE CONNECT

IOS 17+

Three movements. Eight minutes. Daily ritual, productized.

Tridentscan

PUBLIC-SURFACE SECURITY SCANNER

Attack-surface intelligence platform. Free public scan returns receipts-grade output across 22 modules covering DNS, headers, TLS, performance, accessibility, SEO, privacy, and supply chain.

LIVE · FREE
TIER

2026

08 · TRIDENTSCAN · RECEIPTS

Tridentscan

22 modules

8 dimensions

500+ sites scanned

- 22 modules covering DNS, headers, TLS, performance, accessibility, SEO, privacy, and supply chain.
- 500+ third-party sites scanned during build · product-built-on-itself feedback loop.
- Free public scan tier live. Operator-mode CLI and deeper paid surfaces in development.

BUILT WITH

NODE.JS

DNS · TLS · HEADERS

CSP · SRI · CORS

PERFORMANCE · A11Y · SEO

PRIVACY · SUPPLY CHAIN

OPERATOR-MODE CLI

Public-surface attack-surface intelligence, receipts-grade.

Freq43 / DIGR

FULL-STACK MUSIC MARKETPLACE

*Production marketplace shipped solo. Next.js + Supabase + Vercel
+ Cloudflare R2. Real money, real users, full subscription billing.*

10 · [FREQ43](#) / [DIGR](#) · [RECEIPTS](#)

Freq43 / DIGR

Real Stripe payments

23 SW deploys

JWT R2 architecture

- Stripe Connect with 3-tier subscription billing, webhook processing, and real-money transactions.
- Zero-egress audio streaming via Cloudflare R2 CDN with JWT-secured 302 redirect architecture.
- Row-Level Security, magic-link auth, admin dashboard, and five distinct platform zones.
- Twenty-three service worker versions shipped to production with SRI hashing, CORS whitelist, and full SEO.

BUILT WITH

NEXT.JS · REACT

SUPABASE (RLS · AUTH)

STRIPE CONNECT

CLOUDFLARE R2 · WORKERS

JWT · 302 REDIRECTS

SERVICE WORKERS V23

11 · ECLIPSE

In stealth.

The fourth product. Ships when it ships.

2026

12 · SIGNATURE WORK · METHODOLOGY

Render-Locked Interface System (RLIS)

CINEMATIC WEB ARCHITECTURE · AUTHORED METHODOLOGY

Three-layer architecture pairing rendered cinematic masters with invisible HTML interaction. Editorial-grade visual fidelity at static-HTML performance.

01**RENDERED VISUAL MASTER**

Cinematic AI-rendered scene baked to WebP/AVIF · the photographic frame.

02**TRANSPARENT CSS OVERLAY**

Hand-built HTML/CSS structure positioned over the master at pixel-percent precision.

03**INVISIBLE INTERACTION HOTSPOTS**

Focus-visible accessible regions wired to live actions · form panels, anchors, modals.

13 · THE STACK

Production run by *one person.*

Every layer of every product, owned and configured end-to-end.

FRONTEND

JavaScript (ES6+)
React
Next.js
HTML5
CSS3
Tailwind

BACKEND

Node.js
Supabase (PostgreSQL, Auth, RLS, Storage)
REST APIs
JWT
SQL

CLOUD

Vercel
Cloudflare (R2, Workers, Pages, DNS, Zero Trust)
Git/GitHub
Service Workers

MOBILE

React Native
Expo / EAS Build
RevenueCat
TestFlight
App Store Connect

PAYMENTS

Stripe Connect
Stripe Webhooks
Subscription Billing

SECURITY

Header hardening
CSP
SRI
CORS whitelisting
Privacy-first analytics

AI / AGENTIC

Openclaw
Hermesagent
Ralph Wiggum Loop
Claude (Anthropic)
ChatGPT / GPT-Image
Prompt engineering
Agentic build pipelines

CREATIVE

Blender (3D)
TouchDesigner
Resolume
Projection Mapping
Ableton Live
After Effects
Photoshop
Figma

14 · BY THE NUMBERS

The operator, *in receipts.*

03

PRODUCTS LIVE IN PRODUCTION

Aether · Tridentscan · Freq43

01

IN STEALTH

Eclipse · reveals 2026

05

YEARS OPERATING TEAMS AT
SCALE

*Up to 200 people in luxury retail &
hospitality*

22

SECURITY MODULES BUILT

*Tridentscan · DNS · TLS · headers · supply
chain*



*Build the
company.
Ship the product.
Send the invoice.*

Same operator. Every step.

LUCAS LIBERATORE · FREQUENCY43 LLC

16 · CONTACT

Let's build something.

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