

A senior engineering & design partner

We take prototypes to *production*.

Modernization partner for AI-native and vibe-coded applications.
Engineering, design, and growth services for founders, scale-ups, and
enterprise teams.



WHO WE ARE

about us.

A new generation of founders is shipping software in days, not quarters. The tools that made this possible — AI agents, no-code builders, vibe-coded prototypes — were never engineered for the scale that follows. *That's the work we do.* We sit between the AI-prototyping era and production-grade engineering, helping serious teams cross the gap without losing momentum or owning the wrong infrastructure.

Our portfolio runs across the full range of demanding production work — CRM and ERP platforms, e-commerce and marketplaces, learning management systems, healthcare and clinical operations, IoT and infrastructure, climate technology, sports and performance, fintech and wallets, agentic AI and security. Engagements are fixed-scope, fixed-price. Clients hold their AWS, Stripe, domain, and third-party accounts in their own name from day one. Source code is delivered at handover or any time on request — no fees, no friction. We do not bill hourly. We do not retain client IP. We work on a small number of engagements at a time and we name the trade-off honestly when one isn't right for us.

BY THE NUMBERS

scale & reach.

YEARS OF
EXPERIENCE

7+

across founding team

SENIOR TEAM
& NETWORK

20+

core team plus vetted partners

COUNTRIES
WE OPERATE FROM

3

USA · Pakistan · Canada

PROJECTS SHIPPED
SINCE 2024

30+

migrations, builds & platforms

SELECTED CLIENTS

trusted by founders, scale-ups, and enterprise teams.

<i>Audienceswop</i>	Passport Photo Now	VerifiLite	TwinWriter
<i>Galaxy Medical</i>	ONE AMAZON	NuCoin	KitchnHub
<i>ID Privacy AI</i>	Stabolut	Clust.ai	WebPayz

PARTNER CREDENTIALS & CERTIFICATIONS

Webflow Certified Partner Vetted partner on Webflow's official directory	Wix Legend Top tier of the Wix Partner Program	Contra Anything Expert Verified top-tier expert on Contra marketplace	AWS Solutions Architect Certified Solutions Architect on team for AWS production deployments
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SECTORS & REACH

where we work.

Industries served

- CRM, ERP & internal operations platforms
- E-commerce, marketplaces & consumer apps
- Learning management & education platforms
- Healthcare, medtech & clinical operations
- Security, identity & agentic AI
- Infrastructure, IoT & connected devices
- Climate, conservation & sustainability
- Sports, fitness & performance technology
- Real estate, inspections & field service
- Fintech, payments & wallets
- and adjacent verticals on a project basis

Client geography

North America	42%
Europe	22%
South Asia	14%
Middle East	9%
South-East Asia	6%
Australia & Oceania	4%
South America	3%



services.

migration & modernization

Production-grade rebuilds of AI- and no-code-built applications. Source code, infrastructure, and IP transfer fully to the client. Coverage across Base44, Lovable, Bolt, Bubble, Replit, Softr, Wix Vibe, v0, and Claude Artifacts.

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- Platform audit & production-readiness review
 - Backend rebuild — Node.js, NestJS, Python (FastAPI)
 - Frontend rebuild or preservation — Next.js, React
 - Database migration — PostgreSQL, MongoDB, Redis
 - AWS deployment with CI/CD & observability
 - Auth, payments, and third-party orchestration
 - Post-migration support & SLA

enterprise AI & automation

Agentic AI platforms, voice agents, and intelligent automation systems. Custom AI infrastructure that ingests proprietary enterprise data, deploys autonomous agents, and orchestrates workflows across CRM, DMS, and ERP systems.

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- Multi-agent orchestration platforms
 - Voice AI agents — sales, BDC, support
 - RAG pipelines & vector databases
 - CRM & DMS integration layers
 - Workflow automation — n8n, Zapier, custom
 - Internal tooling & admin dashboards
 - Privacy-preserving AI architectures

services *cont.*

design & product

Conversion-driven web design and product interfaces. Webflow Certified Partner. Wix Legend — the top tier of the Wix Partner Program. Design systems that hold up under real product complexity and traffic.

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- Webflow custom builds & CMS architectures
 - Wix Studio enterprise development
 - Conversion copy & information design
 - Design systems & UI kits
 - E-commerce, memberships & ops
 - Brand identity & visual systems
 - Core Web Vitals & SEO foundations

growth & retention

Technical SEO, content, and structured outbound for B2B and SaaS. Quarterly retainers with explicit revenue and pipeline targets — never vanity metrics. Led by Jessica McDonald with a decade of B2B growth experience.

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- Technical SEO audits & remediation
 - Content strategy & cornerstone writing
 - Structured LinkedIn outbound
 - Google & LinkedIn paid acquisition
 - Conversion rate optimization
 - Analytics & multi-touch attribution
 - Quarterly strategy & reporting

STACK & CAPABILITY

engineering capabilities.

Languages & runtimes

TypeScript / JavaScript (Node 20+)
Python 3.11+ (FastAPI, Django)
Solidity (EVM smart contracts)
Go (high-throughput services)
Kotlin / Swift (native mobile)

AI & agents

OpenAI, Anthropic, Google APIs
RAG pipelines & embedding orchestration
Multi-agent frameworks (LangGraph, CrewAI)
Voice — Vapi, Retell, Twilio Voice
Custom fine-tuning & eval pipelines

Integrations

Stripe, Plaid, Adyen
HubSpot, Salesforce, Attio
AfterShip, ShipStation, EasyPost
Twilio, SendGrid, Resend, Postmark
Shopify, WooCommerce, BigCommerce

Frameworks

Next.js 14+ (App Router, RSC)
React, Vue, Svelte
NestJS, Express, Hono
FastAPI, Django, Flask
React Native, Expo, Flutter

Cloud & infrastructure

AWS (ECS, Lambda, S3, RDS, EventBridge)
Vercel, Cloudflare Workers
Docker, Kubernetes, Terraform
Observability — Datadog, Sentry, Grafana
CI/CD — GitHub Actions, ArgoCD

Security & compliance

SOC 2 readiness engagements
GDPR & CCPA implementation
HIPAA-aligned architecture
OAuth 2.0, OIDC, SAML, mTLS
Pen-testing partnership network

Data & storage

PostgreSQL (Supabase, RDS, Neon)
MongoDB (Atlas, multi-region)
Redis, BullMQ, Kafka
Vector DBs — Pinecone, Qdrant, pgvector
Snowflake, BigQuery, Redshift

Web3 & blockchain

EVM contract development
Wallet integrations (RainbowKit, Wagmi)
The Graph & subgraph indexing
Block explorers & on-chain analytics
Cross-chain RPC orchestration

Design & CMS

Webflow (Certified Partner)
Wix Studio (Legend tier)
Sanity, Contentful, Payload
Figma design systems & UI kits
Framer Motion, GSAP, Three.js

HOW WE WORK

engagement model.

01 — DISCOVERY

A 30-minute call to understand the business — not the project.

Free, structured, no slides. We learn what you've built, what's breaking, and what you're trying to accomplish. If we're not the right fit, we'll tell you and recommend who is.

03 — FIXED PROPOSAL

A written proposal within 48 hours of discovery.

Fixed scope, fixed price, fixed timeline. Milestone-based payments. No hourly billing. We absorb the estimation risk so you don't have to manage scope creep.

05 — HANDOVER & SLA

Full ownership transfer with documentation.

30 to 60 days of post-launch support included. Documentation, runbooks, and architectural decision records. Optional ongoing retainer or growth engagement. No lock-in, no minimum commitment.

02 — AUDIT (OPTIONAL)

A paid 48-hour Production Readiness Audit.

\$499 standard, \$1,499 comprehensive. Independent diagnostic of architecture, security, scaling, and migration cost. Useful with or without us. Audit fee credited toward migration if you proceed.

04 — DELIVERY

Two-week sprints. Weekly progress notes. No surprises.

Notion workspace shared with your team. AWS, Stripe, and third-party accounts in your name from day one. Source code delivered at handover or any time on request.

06 — OPTIONAL RETAINER

Continuity at your pace.

Monthly retainer for monitoring, patches, feature work, and growth. Quarterly review. Cancel any time. Transparent allocation between maintenance and new work.

selected *work.*

A selection of recent engagements across enterprise AI, fintech and DeFi infrastructure, healthcare operations, climate technology, and consumer applications. Full case studies available on request.

CREATOR ECONOMY · MIGRATION

Audienceswop

A creator audience-swap platform that needed to migrate off Base44 with a complete bug-fix pass before a hard February launch date. Shipped on time, on budget, on AWS.

audienceswop.com

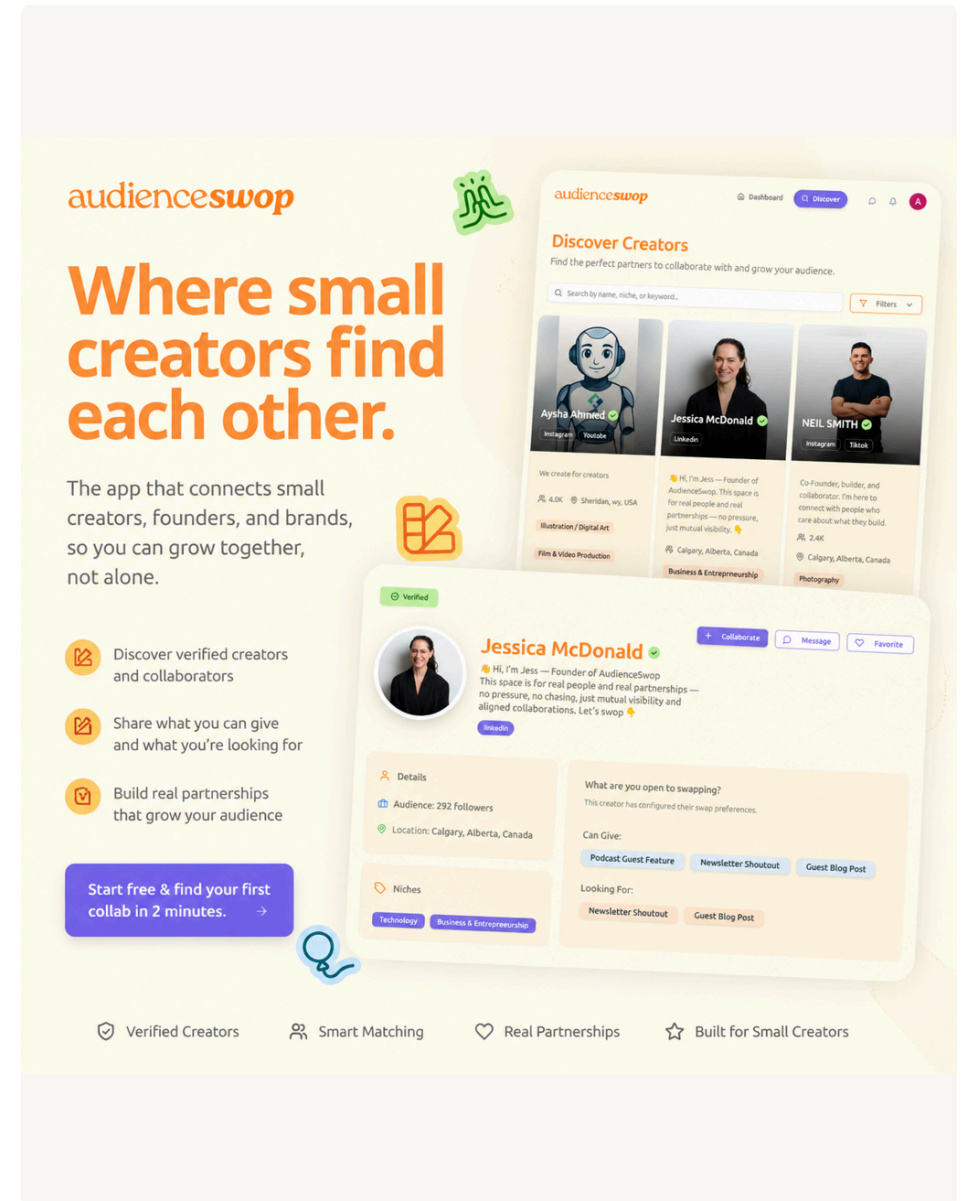
[Delivered · Q1 2026]

SERVICES Migration + stabilize
Bug remediation
AWS deployment
Launch support

INDUSTRY Creator economy
Marketing & growth tools

CHALLENGE Migrate an in-flight Base44 prototype with known stability issues to AWS infrastructure, complete a full bug-fix pass, and ship live before February — with no scope flexibility.

- WHAT WE DID**
- Pre-migration audit identifying 12 critical issues
 - Full backend rebuild on AWS
 - Resolved every blocker before launch
 - Hit the February launch deadline
 - Post-launch monitoring & stability support



CONSUMER · MIGRATION · COST OPTIMIZATION

Passport Photo Now

A consumer passport photo app migrated off Base44 to AWS before a hard February 2026 deadline. Roughly \$400 CAD/month cut in hosting cost. Six QA-flagged production bugs resolved. Shipped on time.

passportphotonow.app

[Published case study · 2026]

SERVICES
Migration + stabilize
Cost optimization
Bug remediation
AWS deployment

INDUSTRY
Consumer applications
Travel & documents

CHALLENGE
A working consumer app trapped on Base44 with growing platform fees, recurring outages, and a fixed launch deadline. Needed faster, cheaper, more reliable infrastructure without breaking the user experience.

WHAT WE DID

- Full Base44 → AWS migration
- Cost reduction ~\$400 CAD/month in hosting
- Resolved 6 outstanding QA-flagged bugs
- Delivered ahead of February deadline
- Client-owned AWS account from day one

PassportPhotoNow

100% US State Department Compliant

Perfect US Passport Photos

— Without Leaving Home.

Skip the Walgreens line. Upload a selfie, our AI validates it against official US State Dept. requirements, and we ship crisp 2x2 prints straight to your door.

- AI Compliance Check**
Instantly validates 100% of requirements
- Fast & Easy**
From \$3.99. Takes 3 minutes.
- Secure & Private**
Your photos are safe with us
- Printed & Delivered**
Crisp 2x2 prints shipped to your door

Trusted by 100,000+ Americans | Government Compliant Photos | 4.9/5 Average Rating | Delivered To Your Door

Web & Mobile App
Perfect photos. Anywhere. Anytime.

Download on the App Store | GET IT ON Google Play

IDENTITY · KYC/AML · WEB3

VerifiLite

An AI-powered KYC and identity verification platform for fintechs, crypto brokers, and Web3 apps — covering document verification, AML/OFAC screening, liveness checks, deepfake detection, and on-chain identity binding to wallets.

verifilite.com

[Engagement · 2025–2026]

SERVICES	Platform engineering KYC/AML pipeline Web3 identity binding SDK & API delivery
INDUSTRY	Identity & compliance Fintech & Web3 onboarding Regulated digital services
CHALLENGE	Build a KYC platform with the depth of enterprise vendors but accessible to individual developers and early-stage teams — combining document scanning, biometric liveness, deepfake detection, AML screening, and on-chain wallet identity in a single SDK with self-serve onboarding.
WHAT WE DID	<ul style="list-style-type: none"> —Document verification & tamper detection —Liveness, biometric matching & deepfake screening —AML/OFAC, PEP & sanctions screening pipeline —On-chain wallet-to-identity binding —Developer SDK, dashboard & API documentation

VerifiLite WEB SAAS · PWA

Verify With Confidence

The all-in-one platform for secure identity verification, KYC automation, and fraud prevention.

- ID Check & Face Verification
- Fraud Detection & Risk Analysis
- Real-time Verification
- Secure & Compliant

100% Free No Credit Card Required | Go Instantly Web & PWA Ready | Enterprise Grade Security | Smart Analytics Real-time Insights

Trusted by **Fintechs** | Built for **Developers** | Loved by **Businesses**

AI TOOLING · WRITING · SAAS

TwinWriter

An AI writing platform that learns a writer's voice and produces drafts that match their style. Stacksmesh delivered the application platform and supporting infrastructure for production-grade content generation at scale.

twinwriter.live

[Delivered]

SERVICES	Application platform AI integration Content pipeline SaaS infrastructure
INDUSTRY	AI writing tools Marketing & content SaaS & productivity
CHALLENGE	Deliver an AI writing tool that produces output indistinguishable from the user's own voice — combining style modeling, prompt engineering, and content generation in a fast, reliable production system.
WHAT WE DID	—Voice-modeling pipeline & style fingerprinting —LLM-orchestration & prompt-engineering layer —Editor UX with iterative refinement —Subscription, usage tracking & billing —Cloud-deployed production infrastructure



HEALTHCARE · OPERATIONS · MIGRATION

Galaxy Medical Alert

Canadian medical alert provider with active subscribers and devices on the wrists of elderly patients. Stacksmesh replaces a 60-page Base44 dashboard with a focused 15-page operations platform on AWS — eliminating manual order entry, silent Stripe failures, and untracked returns.

galaxymedicalert.com

[Current engagement · Q2 2026]

SERVICES
Migration & modernization
Backend re-engineering
AWS infrastructure
Stripe & AfterShip integration

INDUSTRY
Healthcare & medtech
SaaS & internal operations

CHALLENGE
Replace a 60-page AI-generated Base44 dashboard with a purpose-built operations platform. Auto-detect Stripe failures (one had run unpaid for 17 months), auto-cancel on returns, integrate Canada Post and FedEx tracking, and migrate to AWS infrastructure the client owns.

- WHAT WE DID**
- Audited 60+ Base44 pages, retained the 15 of business value
 - Rebuilt backend on Node.js with MongoDB Atlas
 - WooCommerce → AfterShip → Stripe webhook chain
 - Auto-cancellation on Exception_011 (Returned to Sender)
 - Dev + production environments on AWS EC2

Operations Simplified.

A powerful PWA built to streamline orders, returns, and team collaboration in real-time.

- Real-time Dashboard**
Monitor orders, revenue, and performance at a glance.
- Visual Pipeline**
Drag & drop orders across fulfillment stages.
- Returns Calendar**
Track returns and shipments with ease.
- Team Collaboration**
Built-in team chat to keep everyone aligned.

PWA **React** **TS** TypeScript **Tailwind CSS** **Vite**

Secure. Scalable. Built for Real-World Operations.

CLIMATE · BLOCKCHAIN · ENTERPRISE

ONE AMAZON

ONE AMAZON is a Miami-headquartered enterprise platform — backed with over \$105M in funding — building the world's first *Internet of Forests™* in collaboration with MIT Media Lab, Veea, and AECOM. The platform tokenizes Amazon rainforest land to fund conservation through blockchain-backed securities.

oneamazon.com

[Engagement · 2025–2026]

SERVICES Platform engineering
Blockchain integration
Web design & build
Real-time data architecture

INDUSTRY Climate & conservation technology
Sustainable finance
Enterprise SaaS

CHALLENGE To support a multi-stakeholder, civic-scale platform integrating satellite imagery, ground sensors, bio-sensing, and blockchain-tokenized conservation finance — under the operational expectations of a venture-backed enterprise working with governments, indigenous communities, NGOs, and Fortune 500 partners.

WHAT WE DID

- Engineered web platform components
- Integrated tokenized conservation infrastructure
- Built real-time monitoring & data ingestion layers
- Designed enterprise-grade UX for multi-stakeholder users
- Ongoing partnership across the IoF rollout

RECOGNITION Launched at UN Biodiversity Conference (COP 16)
Backed by \$105M+ in venture funding
MIT Media Lab partnership



BLOCKCHAIN · AUSTRALIA · EXPLORER

NuCoin

An Australian cryptocurrency project including a public block explorer and a consumer-facing platform. Stacksmesh delivered the marketing platform and block explorer with real-time transaction indexing.

nucoin.com.au
explorer.nucoin.com.au


[Delivered]

SERVICES Web platform
Block explorer
Blockchain integration
Real-time indexing

INDUSTRY Crypto & blockchain
Australian retail market

CHALLENGE Deliver both a marketing platform and a live block explorer indexing on-chain transactions in real time, presented in a way Australian retail users could understand without crypto-native context.

WHAT WE DID —Public marketing site & brand presence
—Real-time block explorer with transaction indexing
—Search across blocks, txns, addresses
—Live chain stats & supply data
—Mobile-responsive throughout

A large purple rectangular card with white text. The text is centered and reads: "NuCoin" in a large font, followed by "BLOCKCHAIN PLATFORM & EXPLORER" in a smaller font. At the bottom left, it says "WEB3" and at the bottom right, it says "DELIVERED".

NuCoin
BLOCKCHAIN PLATFORM & EXPLORER

WEB3 DELIVERED

HOSPITALITY · SAAS · OPERATIONS

KitchnHub

A hospitality operations SaaS platform helping restaurant kitchens streamline workflow, prep planning, and inventory across multiple locations. Built for operators who needed a production system fast, without the platform-tax of off-the-shelf hospitality software.

kitchnhub.live

[Delivered]

SERVICES Application platform
Multi-tenant architecture
Operations workflow
Cloud deployment

INDUSTRY Hospitality & food service
Restaurant operations
SaaS & B2B tools

CHALLENGE Deliver a kitchen-operations platform that handles real-world hospitality complexity — multi-location prep, role-based access for chefs and managers, inventory pull-down, and live shift dashboards — without the bloat of legacy hospitality software.

WHAT WE DID —Multi-tenant data architecture per location
—Role-based access for kitchen staff hierarchy
—Prep planning & inventory tracking
—Real-time shift & service dashboards
—Mobile-friendly UX for kitchen-floor use

KitchnHub
HOSPITALITY OPERATIONS SAAS

HOSPITALITY DELIVERED

ENTERPRISE AI · AGENTIC PLATFORM

ID Privacy AI

A privacy-first agentic infrastructure platform powering autonomous AI agents across automotive, finance, and enterprise verticals. OEM-certified by Nissan, Infiniti, and Mitsubishi. Nearly one million agentic calls handled. 600+ agents in production.

idprivacy.ai

[Engagement · ongoing 2025–26]

SERVICES Agentic platform engineering
CRM & DMS integrations
Voice AI orchestration
Multi-channel agent delivery

INDUSTRY Enterprise AI infrastructure
Automotive & OEM operations
Privacy-preserving AI

CHALLENGE To support a fast-scaling agentic AI platform delivering autonomous voice, SMS, and email agents across 600+ dealership deployments — with secure orchestration across CRMs, DMS, schedulers, inventory systems, and lead sources, all under OEM compliance constraints.

WHAT WE DID —Built agent execution & orchestration components
—Integrated CRM, DMS, and scheduler layers
—Designed conversational flows for voice/SMS/email parity
—Engineered privacy-preserving data ingestion (ETLV™)
—Supported OEM-certification readiness work

SCALE ~1M agentic calls
600+ agents in production
OEM certified — Nissan, Infiniti, Mitsubishi

ID Privacy AI
AGENTIC EXECUTION PLATFORM

ENTERPRISE AI 2025–26

WALLET · MOBILE · STABLECOINS

Stabolut

A stablecoin wallet and payments infrastructure platform. Stacksmesh delivered the web platform alongside a companion native Android application for stablecoin custody, transfers, and merchant payments.

stabolut.com

[Google Play app](#)

[Delivered]

SERVICES

- Web platform
- Native Android app
- Wallet infrastructure
- Payment rails

INDUSTRY

- Crypto wallets
- Payments infrastructure
- Fintech

CHALLENGE

Ship a stablecoin wallet experience reliable enough to hold real user funds, with a unified web + mobile experience and the security posture required for crypto custody.

WHAT WE DID

- Web platform with wallet generation & recovery
- Companion native Android app
- Multi-currency stablecoin support
- Merchant payment integration
- Custody-grade security architecture

Stabolut
STABLECOIN WALLET & PAYMENTS

FINTECH DELIVERED

AI · CLOUD INFRASTRUCTURE · DEVELOPER TOOLS

Clust.ai

An AI cloud platform serving developer and enterprise teams running production AI workloads. Stacksmesh delivered the marketing presence and product surface for a technical product that needed to communicate clearly to both developers and procurement.

clust.ai

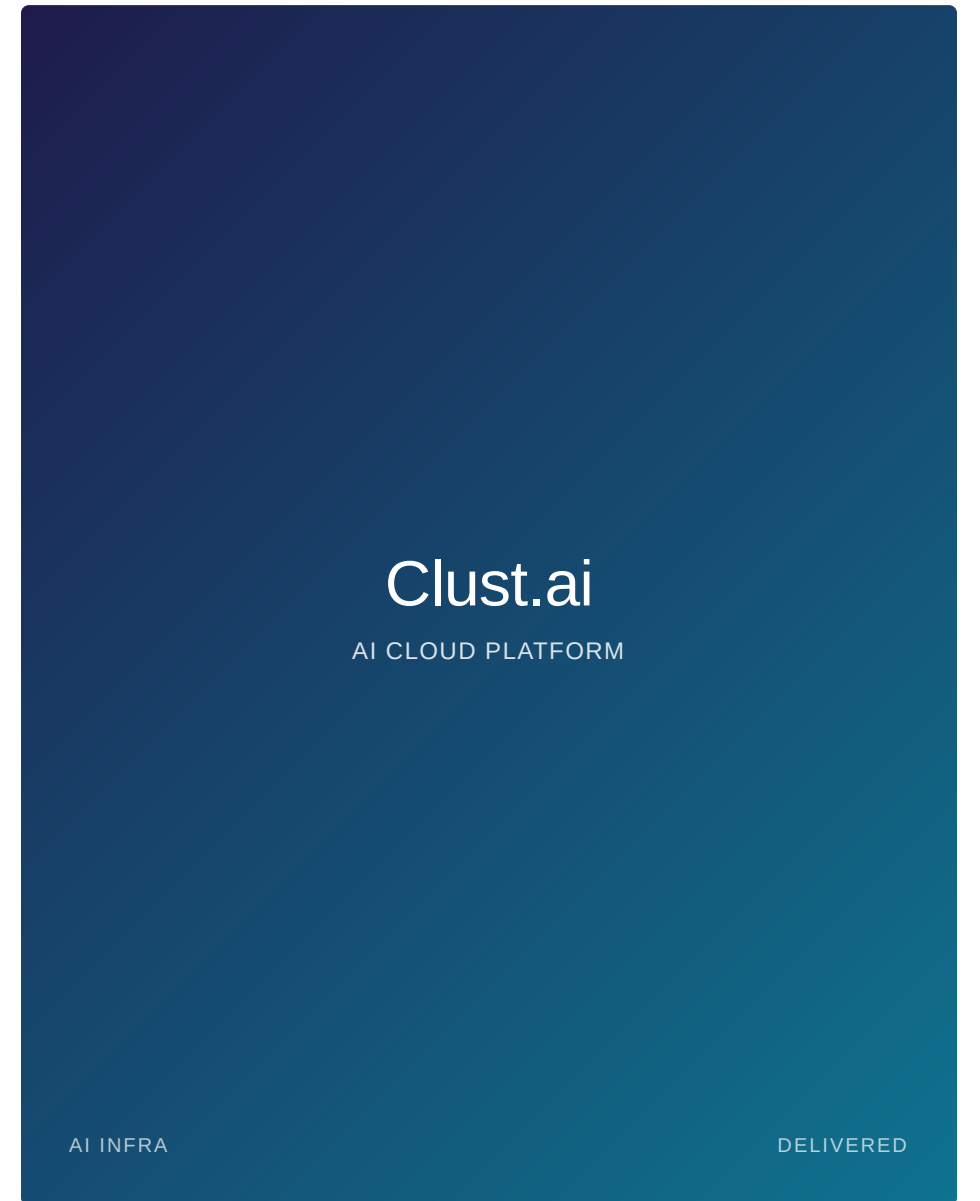
[Delivered]

SERVICES Web platform
Product UI
Documentation surface
Cloud onboarding

INDUSTRY AI & cloud infrastructure
Developer tools
Enterprise SaaS

CHALLENGE Present a technical AI infrastructure product clearly to a developer audience while preserving the polish required for enterprise buyers evaluating it alongside hyperscalers — and connect the marketing surface to a working product onboarding flow.

WHAT WE DID —Marketing surface with technical depth
—Product UI for AI workload management
—Documentation & developer experience
—Customer onboarding & account setup
—Live cloud integration



PAYMENTS INFRASTRUCTURE

WebPayz

A payments infrastructure platform. Stacksmesh delivered the platform interface and integrations layer connecting merchants to payment rails with multi-language UI and reporting dashboards.

webpayz.com

[Delivered]

SERVICES	Platform engineering Payment integrations Merchant dashboard Multi-language UI
INDUSTRY	Payments infrastructure Fintech
CHALLENGE	Deliver a payments platform with the reliability, transaction reporting, and merchant trust signals required for businesses to actually accept money through it.
WHAT WE DID	—Merchant onboarding & KYC flow —Payment rail integrations —Transaction reporting dashboard —Multi-language platform UI —Webhook event delivery system



ADDITIONAL ENGAGEMENTS

also delivered.

A selection of additional vibe-coded prototypes and production systems shipped or migrated for clients across SaaS, marketing, productivity, and consumer apps.

DocuSign Pro Edit

Document Workflow

docusign-pro-edit.base44.app

PracticeSCA

EdTech / Healthcare

practicesca.co.uk

PoolSS

Pool Inspection CRM

pool-certify-go.base44.app

MicroVest

Retail Investing

microvestapp.com

ZeroLend

DeFi Lending Protocol

zerolend.xyz

Sniffr

Pet Connection Platform

sniffr.fun

SocialWin

Social Marketing Tool

socialwin.live

Brand Genius AI

AI Brand Tools

brand-genius-ai

Vorbit

Wallet Infrastructure

vorbit.org

LangKit

Language Learning

langkit.base44.app

Singh Coin

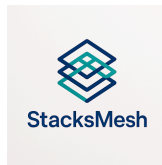
Mobile Crypto App

[Google Play](https://play.google.com/store/apps/details?id=com.singhcoin)

The Entertainer

Mobile Lifestyle App

[Google Play](https://play.google.com/store/apps/details?id=com.theentertainer)



Let's talk about the thing you're *building*.

EMAIL

hello@stacksmesh.com

WEB

stacksmesh.com

DISCOVERY CALL

30 min · free · no slides