

One brief in.
Every layer out.

Brand architect · full-stack engineer · AI automation lead

I take a business from its name and identity to a secure cloud platform, AI automation and search, and build every layer in between myself: TypeScript and Next.js, PostgreSQL with row-level security, AWS and Google Cloud, Vertex AI, and design systems the code reads.

340+
pull requests merged into Scopterra since 29 September

11
Omnistead build phases merged in its first week

150+
tables with row-level security per firm

117
database test files guarding Scopterra's rules

48
website concepts, art-directed and generated

4
platforms shipped or in build, brand to backend

Four platforms, *built end to end.*

PRODUCT, PLATFORM AND AI LEAD · CARBON AND COMPLIANCE · UK

Scopterra *formerly seer.*

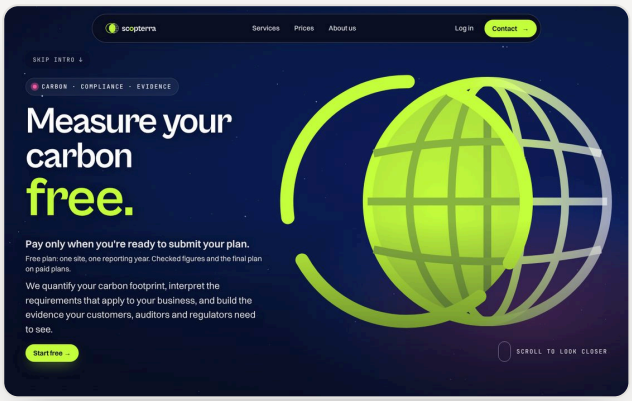
A carbon data and compliance platform for UK businesses: measure, comply, reduce and prove, with every figure traced to its bill or certificate.

- **Evidence Ledger:** a second person checks each figure on paid plans; corrections become versions
- **Plans tested before they're final** against PPN 006 and NHS 2027; SECR as PDF and Word; UK CBAM
- **AI bill reading** on Vertex AI in London; the user reviews every value
- **Enterprise-ready:** groups, two-factor, audit log, SHA-256 exports, nightly backups

340+ PULL REQUESTS

122 MIGRATIONS

117 DATABASE TESTS



Next.js 15 · TypeScript · Supabase Postgres 17 · pgTAP · Vertex AI · Google Cloud · Sentry

SCOPTERRA.COM · LIVE

ARCHITECTURE AND BUILD · SUPERAPP FOR PROFESSIONAL-SERVICES FIRMS · UK

Omnistead *the power of one*

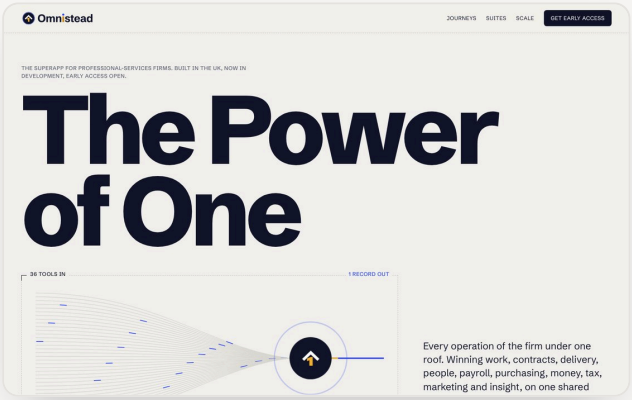
The superapp for professional-services firms: 15 suites and 120 capabilities on one shared record, from winning work and contracts to payroll, purchasing, tax and insight.

- **Eleven build phases merged in week one**
- **Each firm in its own cell:** 150+ tables with row-level security, double-entry ledger, audit trail
- **AWS in London as code** (CDK, ECS on Fargate, RDS, KMS); WorkOS SSO and Temporal

11 PHASES, WEEK ONE

150+ SECURED TABLES

140+ DECISION RECORDS



TypeScript · Fastify · Kysely · PostgreSQL 16 · AWS CDK · WorkOS · Temporal

OMNISTEAD.IO · IN DEVELOPMENT

PRODUCT, PLATFORM AND TRUST LEAD · EVENTS MARKETPLACE · NIGERIA

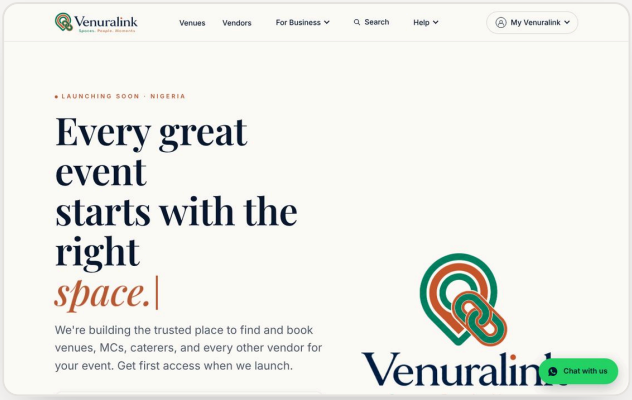
Venuralink

- **Booking flow tested end to end** with branded emails from edge functions
- **Security audit closed;** staff roles enforced by database functions
- **Search built in:** structured data per listing, sitemap, seven conversion goals
- **Outreach automation** in Apps Script; NDPA 2023 terms; SPF, DKIM, DMARC

160+ CHANGE PACKAGES

12 CATEGORIES

3 CITIES



VENURALINK.COM · LIVE

CLIENT BUILD · BEDFORD, MILTON KEYNES AND LONDON

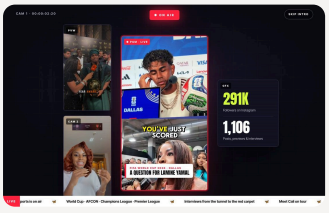
Fabhands

- **Online booking** through Cal.com, synced with Google Calendar
- **Signature-verified webhooks** with branded confirmations and calendar invites
- **Locked-down enquiries** with row-level security; deliverability fixed

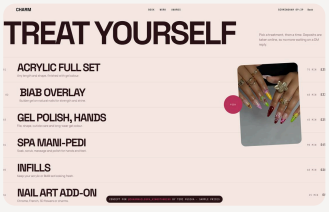


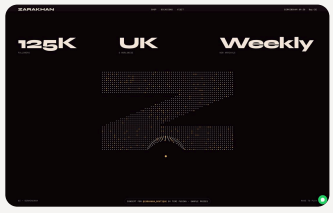
FABHANDS.CO.UK · LIVE

CONCEPTS · 48 SITES · NONE COMMISSIONED









Ten art-directed by hand, 37 generated from public business details by a Python pipeline, one hand-built. Concepts only: none is the business's live site.

Every layer, *with evidence.*

Full-stack engineering

Next.js and TypeScript monorepos; Fastify, Kysely and Zod APIs; PDF and Word output; PDF signing.

Database and security

Row-level security per tenant, set per transaction; double-entry ledger; 122 migrations and 117 pgTAP files.

AI and automation

Gemini on Vertex AI reads documents; rules block untraced figures; a person confirms. Scheduled AI build agents.

Cloud and operations

AWS CDK, ECS Fargate, RDS, KMS, S3, SES; Google Cloud workload identity; Sentry; nightly backups.

Performance and testing

Load test at 50,000 entries; plan builds cut from 2.7 s to 1.6 s; isolation tests catch a deliberate leak.

Regulation into product

PPN 006, NHS 2027, SECR, UK CBAM; HMRC MTD VAT and RTI payroll; DPIAs; UK GDPR and NDPA 2023.

Integrations and email

Signed webhooks, Cal.com, SES and Resend, Companies House; SPF, DKIM, DMARC.

Brand, motion and search

Brand systems and tokens; canvas and three.js motion; films rendered in code; JSON-LD and sitemaps.

TOOLKIT

TypeScript · SQL · PL/pgSQL · Next.js · React · PostgreSQL · AWS · Google Cloud · Python · Fastify · Kysely · Zod · Supabase · Vertex AI · WorkOS · Temporal · Sentry · GitHub Actions · pgTAP · Vitest · Playwright · Docker · OpenTelemetry · three.js · GSAP · Claude Code

CREDENTIALS

MSc, Cranfield School of Management
MCIPS, chartered
BSc Microbiology, Obafemi Awolowo University

LET'S BUILD

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