

Shane Anderson

AI SOLUTIONS ARCHITECT / FORWARD DEPLOYED ENGINEER

sa@dailynetwork.news · shaneandersonai.com · linkedin.com/in/shane-anderson-2a097b424 · github.com/shanecannesproperty

Australian citizen, US E-3 visa-eligible · UK work-authorised · Open to US, London or remote

PROFILE

I build production AI systems and the web platforms they run on. Former founder-operator, so I take a problem from an uncertain brief through discovery, design, prototype, architecture and delivery, and I stay accountable for how it behaves in production. I code like an engineer, communicate like a product manager and navigate customers like a founder.

EXPERIENCE

AI Solutions Architect / Forward Deployed Engineer

Independent

Design and deliver production AI systems end to end: multi-agent orchestration, evaluation gates, provider failover, cost control and the reliability work that keeps them running.

- Built an autonomous multi-agent publishing network with quality, fact-verification and geography gates plus self-healing control loops.
- Built a provider-failover LLM router across Anthropic, OpenAI and Google with per-task quality bars and per-day spend guardrails.
- Diagnosed and resolved production database-saturation incidents, restored coordinator and watchdog loops, and documented root cause and prevention.

Founder-operator

Property and technology ventures

Ran ventures end to end, including a property capital raise for which I built a bespoke CRM and lead engine with human approval in the loop for consequential actions.

- Owned commercial outcomes alongside the build, from customer conversations to shipped software.
 - Delivered many production sites and internal tools on React, TanStack, Supabase and Cloudflare.
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SELECTED SYSTEMS

- **dailynetwork.news**, autonomous multi-agent content platform with evaluation gates as release conditions and self-healing publication control.
 - **Provider-failover LLM router**, resilient model orchestration with per-task quality bars and cost control.
 - **the-lawson.com CRM**, capital-raise lead engine with human approval for consequential outbound actions.
 - **Web platform fleet**, production sites on React, TanStack, Supabase and Cloudflare.
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SKILLS

LANGUAGES Python, TypeScript, Deno, SQL

AI AND LLM Multi-agent orchestration, RAG, evals, prompt engineering, agent development, tool-calling, vector databases, Anthropic / OpenAI / Google APIs

DATA AND INFRA Supabase, Postgres, edge functions, pg_cron, row-level security

FRONTEND React, TanStack, Tailwind

CLOUD Cloudflare Workers, AWS, GCP