

Mat Siems — AI Engineer

Agentic Systems · MCP · Multi-Agent Orchestration

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The 60-word pitch

Solo-built **three agentic platforms** (AIOS · AIBO · ABC), **115 production agents**, and **23 live AI-native sites** — an operation that usually needs a team. 15+ years shipping software, the last 4 deep in agentic systems on Claude Code, MCP, and Anthropic's Managed Agents. Code-fluent, product-literate, agile-trained, currently delivering at Cleverfox AI.

Impact bar (right now, in production)

Metric	Today
Agentic platforms live	3 (AIOS · AIBO · ABC)
Foxes / agents shipped	115+ (AIOS Fox roster)
AI-native sites in production	23 (MS26 fleet)
Auto-indexed vault notes	2,094 (cross-codebase second brain)
AI media shipped	1,000+ videos · 10,000+ images
Years delivering production software	15+

Flagship agentic builds

1 — AIOS · Cleverfox Master Workspace

Role: Lead AI Engineer · **Stack:** Next.js 15 · React 19 · TypeScript · Supabase · Vercel · Claude API + OpenRouter fallback · MCP

A 115-agent workspace ("Fox roster") with a hardened Claude API proxy, multi-workspace tenancy, 24 integrations (Gmail, Slack, Drive, Sheets, Linear, Xero, Notion, Stripe, ...), end-to-end Vitest suite, and an auto-recovery fallback chain that survived the November 2026 Anthropic 503 incident with zero downtime for paying tenants. Ship cadence: weekly versioned phases (v10.65 and counting).

2 — AIBO · AI-First Backoffice

Role: Founding Engineer · **Stack:** Next.js · MongoDB FLEET shape · S3 · Multi-agent persona pipeline

A multi-agent backoffice that designs, generates, and operates the asset library for an entire 23-site fleet — personas, page heroes, hero videos, product imagery, daily digests. Each persona is an autonomous agent with its own prompt, model, tools, and output schema. Replaced 6+ manual roles with a single ops console.

3 — ABC · The 1G 2026 Cockpit

Role: Solo Builder · **Stack:** Next.js 16 · Tailwind v4 · shadcn · Supabase · Mongo · S3 · 60+ Claude Code skills

A 28-route command centre orchestrating the entire MS26 ecosystem from one keyboard — Apps + Backoffice + Context. Every operational verb (build, deploy, push, analyse, generate, ingest, sync) is a Claude Code skill. The cockpit became the operating system for the whole 2026 personal-fleet target — one human, 23 sites, three platforms, all shipped solo.

Agentic & AI engineering skills

Agentic stack (lead with this): Claude Code · Anthropic Managed Agents · Model Context Protocol (MCP) — own + third-party servers · Subagents · Skills · Hooks · Plugins · Tool-use design · Function calling · A2A (agent-to-agent) protocols · Multi-agent orchestration · Agent memory + state · Recoverable fallback chains · Versioned phase shipping

Models & frontier work: Claude (Opus 4.7, Sonnet 4.6, Haiku 4.5) · GPT-5 · Gemini 3 · Llama 3 · DeepSeek · Mistral · OpenRouter routing · Runware · Stability Matrix · Foocus · Whisper · Coqui

Retrieval & knowledge: RAG · GraphRAG · embeddings · vector DBs · hybrid search · chunking · LlamaIndex · vault-style auto-indexing · entity linking · backlinks

Multimodal generation: image (SDXL, Flux, nano-banana, Midjourney) · video (Seedance, WAN, Sora, Runway, Pika) · audio (TTS Coqui, STT Whisper) · Remotion composition · end-to-end pipelines

Backend & infra: Python · FastAPI · Node 22 · Bash · MongoDB Atlas (FLEET shape across 100+ apps) · Supabase Postgres + RLS · AWS (EC2, S3, Route53, IAM) · Vercel · Docker · GitHub Actions · NGINX

Frontend: Next.js 16 (App Router) · React 19 · TypeScript · Tailwind v4 · shadcn/ui · Lucide · Radix · Recharts · Storybook

Workflow: Scrum · Lean · MVP delivery · backlog grooming · sprints · user stories · phase captains · weekly version cuts

Selected experience

Cleverfox AI — Lead AI Engineer & Consultant · 2025–present Founded the Cleverfox AI engineering practice. Designed and shipped AIOS, AIBO, and the MS26 platform. Built the agentic-AI delivery playbook: Claude Code skills as the unit of operational work, MCP for tool reach, versioned phase shipping with vitest contract tests and recoverable model fallbacks. Mentor + reviewer for the wider team.

Allianz — AI Consultant / Technical PM · 2024–2025 Delivered Copilot Studio assistants, voice agents, and AI-driven contact-centre automation. Brought product-level rigour to a regulated enterprise AI rollout (GDPR, internal audit, redaction).

RWS — Technical PM & AI Consultant · 2023 Integrated AI translation workflows into existing language-services platform; led agile delivery across cross-region engineering teams.

Sainsbury's — Technical Delivery Manager · 2022 Delivered a CI/CD data pipeline (Snowflake + Jenkins + Airflow) powering marketing analytics for one of the UK's largest retailers.

Open Play — Technical Consultant · 2021 Delivered an integrated e-commerce + leisure-management platform: membership, payments, ticketing, search.

Brittany Ferries — Digital Transformation Consultant · 2018–2020 Delivered the booking platform refresh — AI-ready content models, faceted search, payments architecture.

Earlier: Dun & Bradstreet · Account Technologies · M-Kopa · NBC Universal · Citizens Advice · BBC · AOL · DoubleClick (Google) · Expedia · MasterCard · Aviva · Publicis · CHI & Partners · Skura · Cogniflare.

Education & certifications

- **Claude Architect Certification (CCA)** — Anthropic · *target qm3 2026* · prep tracker at github.com/flexappdev/cac
- **AI, Data Science & Python** — MongoDB University · Snowflake University · Coursera · ongoing
- **B.Comm, Decision Science & MIS** — Concordia University, Montreal · 2005
- **Film Production Diploma** — Collège Stanislas, Montreal · 1999

Selected live sites (portfolio at matsiems.com)

AI-native consumer: fs-sooty.vercel.app (Funky Success — non-fiction discovery) · xmas-matsiems.vercel.app · lituk-opal.vercel.app · sp-eta-eight.vercel.app **Tools:** scroller-psi.vercel.app · cad-steel.vercel.app (course-a-day) **Reference & wikis:** wikai.vercel.app · wbp-matsiems.vercel.app **Agentic platforms (private demos on request):** AIOS · AIBO · ABC

Why this CV is hard to ignore

Most AI-engineer CVs claim experience with agentic systems. This one ships three of them. Public, live, on-cron, with paying-tenant-grade reliability — the AIOS Fox roster survived the November 2026 Anthropic 503 incident with zero downtime. No demos, no POCs, no "led a team that delivered". I built the cockpit, the agents, the fallback chain, and the 23 consumer sites it operates — solo, in 2026, while delivering at Cleverfox.

What I'm looking for (qm3 2026 onwards)

Senior or staff IC role designing and shipping agentic systems — multi-agent platforms, MCP-native integrations, Claude Code-style operator workflows. Equally open to a 6–12 month contract leading an agentic-AI delivery at a serious company. Outside IR35. Remote-first, willing to be on-site 1–2 days/week in London.

Talk to me about: Anthropic Managed Agents · MCP server design · Claude Code in production · multi-tenant AI platforms · ops-as-skills · the 1-human-23-sites blueprint.

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