

JOHN HUGHES WILCOX

Hospitality Technology & AI Solutions — Operator, Builder, Enablement

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PROFILE

Hospitality operator turned applied-AI builder with **12 years leading restaurant teams of 8 to 80+** and full P&L ownership. I understand the buyer, the frontline user, and the operational cost of a tool that fails during service. At **Archon Digital LLC**, I scope, build, deploy, document, and improve production AI systems: agentic workflows, MCP integrations, automation, evals, and observability. I translate operator pain into a working pilot, earn adoption with practical training, and leave behind repeatable playbooks. Best fit: hospitality-tech solutions, implementation, deployment, product operations, or GTM engineering roles where domain fluency and shipped systems matter more than whiteboard algorithms.

EXPERIENCE

Archon Digital LLC

Omaha, NE / Remote | Jun 2026 – Present

Founder & AI Systems Engineer

Full-time

- **Own delivery end-to-end:** discovery, workflow mapping, technical scoping, architecture, implementation, deployment, documentation, training, and iteration against real usage.
- **Build eval frameworks to prove agents are trustworthy:** prompt evals, output-quality scoring, agent benchmarking, and regression testing against ground-truth / human baselines, with **LangSmith / OpenTelemetry tracing** for latency and output-quality monitoring in production.
- **Build reusable systems, not demos:** templates, MCP tooling, monitoring, runbooks, and playbooks that support safe handoff and self-sufficient operation.

johnhugheswilcox.com — Independent Technology Practice

2009 – Jun 2026

- Scoped, designed, launched, and maintained client web, commerce, and marketing systems as the sole technical contact, translating non-technical requirements into dependable releases.

Flagship Restaurant Group

Omaha, NE | Mar 2014 – Jun 2026

Executive Chef — Multi-Unit Operations Leader

- **Restaurant systems leadership:** trained teams of 8 to 80+ across openings, event peaks, and a seven-concept food hall; built SOPs and reusable playbooks that scaled consistent execution.
- **Frontline adoption:** ran standups and onboarded line cooks through executives, meeting different learners where they were while maintaining service-level accountability.
- **Operator economics:** owned revenue, COGS, labor, inventory, vendor negotiation, and build-vs-buy decisions, tying process and technology investments to measurable outcomes.

SELECTED PRODUCT PROOF

ShadowShield — open-source LLM / agentic-AI evaluation & safety framework · shadowshield.xyz · pip install shadowshield

- **Reliability discipline, productized:** agent goal-hijack auditing, prompt-injection detection, and output scanning behind one API, validated through **hundreds of automated tests and benchmark checks on public datasets** — an OIDC release pipeline, strict typing, and a FastAPI service. Published to PyPI.

Archon Merkaba — autonomous multi-agent operations platform · github.com/0xsl1m

- **30+ agent** system with a CEO-style router, MCP tool layer, and smart multi-model routing (cheap model for boilerplate, frontier model for hard calls) — the **multi-agent workflow design + reusable-systems** thinking this role scales, with a live monitoring/alerting daemon and circuit-breaker / kill-switch guardrails on always-on services.

ADAMforAgents (ADAM) — agent-native digital-asset marketplace · adamforagents.com · development preview

- Live, **commerce-hard-off preview** with a versioned public catalog and agent-readable discovery surfaces for digital assets and licensing; checkout, payments, entitlements, and delivery remain disabled while production-readiness gates are completed.

Cerebrus Pulse — multi-protocol intelligence API · cerebruspulse.xyz

- **Production API and integration proof:** real-time intelligence over 50+ assets across 6 timeframes, **15 endpoints**, load-tested at a **sub-200ms p50**; distributed as an **MCP server**, a Python SDK on PyPI, and a LangChain toolkit — the API-and-MCP integration work at the center of agentic deployments.

TECHNICAL SKILLS

Agent Building & Agentic AI: design / build / deploy custom AI agents and multi-agent workflows; tool use & function calling, MCP servers & clients, multi-model routing, prompt & context engineering, RAG & grounding, structured outputs (Pydantic), guardrails. Frameworks: LangChain, CrewAI-style orchestration, Claude / OpenAI / Gemini agent SDKs.

Evaluation & Reliability: eval frameworks — prompt evals, output-quality scoring, agent benchmarking, regression testing vs. ground-truth / human baselines; trajectory & offline evals; observability and tracing (LangSmith / OpenTelemetry).

AI APIs & Models: OpenAI (GPT-4o & o-series), Anthropic / Claude (Opus / Sonnet / Haiku), Gemini 2.5, open-weight (Llama, Mistral, DeepSeek); model adaptation via prompt/context engineering, RAG, and structured outputs.

Hospitality & Delivery: restaurant operations, POS/KDS workflows, inventory, COGS, labor, vendor management, SOPs, rollout, onboarding, training, discovery, requirements translation, live demos, POCs, and executive/frontline communication.

Languages & Cloud: Python (FastAPI, Pydantic, asyncio), TypeScript / JavaScript, SQL, Bash; Docker, Linux / VPS, GCP & Firebase, Vercel, Git, CI/CD, Chroma DB & embeddings.

Enablement & Communication: coaching different learners to self-sufficiency, documentation / playbooks / reusable templates, requirements translation, live demos & POCs — from 12 years of multi-team operational leadership.

EDUCATION & CERTIFICATIONS

AI: Google AI Professional Certificate — Google, 2026 · **MCP: Hands-On with Agentic AI** · **Agentic AI Fundamentals** — LinkedIn, 2026 · **Becoming an AI-First Product Leader** · **Integrating Generative AI into Business Strategy** — LinkedIn, 2023–2026

Web & Marketing: Google Digital Marketing & E-commerce Professional Certificate — Google Career Certificates, 2023 · **Foundations of Web Development** — AIM Institute, 2019

Foundations: AI Foundations: Machine Learning — LinkedIn, 2025 · **Metropolitan Community College** — Omaha, NE, 2006