

>_ PROFESSIONAL PROFILE

AI engineer and platform builder with 7+ years in IT, specializing in enterprise automation, Python, LLMOps, and reliable AI delivery. Builds Git-driven CI/CD, multi-architecture Docker releases, provider-agnostic model gateways, MCP/RAG integrations, and tenant-governed tools. Pairs hands-on engineering with controlled change, secrets handling, enterprise identity, auditability, health validation, and matched rollback.

>_ CORE CAPABILITIES

> AI_ENGINEERING Claude Code, OpenCode, Codex, multi-provider LLM APIs, MCP, tool use, RAG, vector search, prompt engineering	> DEVOPS_LLMOPS GitHub Actions, release gates, Docker Buildx, GHCR, multi-architecture images, health checks, versioning, rollback	> PYTHON_AUTOMATION Python, FastAPI, REST APIs, Open WebUI plugins, N8N, Power Automate, SQL, data pipelines, Pinecone
> PLATFORM_TOOLING PowerShell, Bash, TypeScript, Git/GitHub, Linux, Caddy, SSH operations, runbooks, architecture documentation	> GOVERNANCE_IDENTITY OIDC, SCIM 2.0, encrypted key management, multi-tenant controls, audit, alerts, analytics, egress controls	> POWER_PLATFORM Canvas and model-driven apps, cloud and desktop flows, Dataverse, custom connectors, Fabric, ALM, Azure DevOps

>_ EXPERIENCE

Spencer Fane LLP

JUN 2025 – PRESENT

IT Automation Analyst & AI Engineer | Remote / Denver

- Lead design and delivery of enterprise automation and AI solutions using Power Apps, Power Automate, Python, and agentic AI tools.
- Develop and maintain Python-based Open WebUI plugins, filters, and functions extending AI capabilities for attorneys and staff.
- Build AI automation pipelines connecting SharePoint, SQL, Box, and firm systems through Power Automate and N8N.
- Partner with leadership and security teams on M365 Copilot governance, including prompt-injection mitigation and allow/deny controls.
- Adapted Anthropic's open-source Cowork Legal Plugin to OpenCode with Claude Code for private legal research, contract review, NDA triage, and compliance workflows.
- Define Dev/Test/Prod environment strategy and solution-based ALM with Azure DevOps for repeatable promotion and controlled change.

Spencer Fane LLP

AUG 2022 – JUN 2025

IT Support Analyst & Power Platform Developer | Denver

- Combined endpoint support with internal automation development, helping establish the firm's Power Platform practice.
- Delivered production Power Apps for AR Hold Appeal, Box Folder Creation, International Travel Access, Email Access, and DEI Group Requests.
- Built Box API custom connectors and SharePoint-to-Fabric reporting pipelines using Dataflows Gen2 and Spark notebooks.
- Managed formal change records in ServiceNow and became an internal resource for practical AI adoption and tool evaluation.

Hensel Phelps

JAN 2022 – SEP 2022

IT Help Desk Technician | Greeley, CO

- Provided front-line hardware, software, account administration, and Microsoft 365 support; documented common issues to improve first-call resolution.

DevSwap.net

APR 2019 – AUG 2022

IT Specialist, Part-time | Greeley, CO

- Managed small-business Windows environments, networking, and backups; built Python and PowerShell automation for repetitive maintenance.

>_ FOUNDER & CEO

Aperture Chat

2025 - PRESENT

Founder & Chief Executive Officer | Denver, CO | aperturechat.com

Built and operate a self-hosted enterprise AI platform spanning Python/FastAPI services, a React/TypeScript workspace, provider-agnostic model routing, multi-tenant governance, and production container delivery.

PUBLIC REPOSITORY: github.com/Aperture-Chat/Aperture-Chat | GITHUB ORGANIZATION: github.com/Aperture-Chat

- Designed GitHub Actions validation and tag-driven, multi-architecture Docker/GHCR releases with versioned deployment bundles.
- Authored operational runbooks covering environment validation, database migration gates, persistence checks, health probes, checksums, promotion, and matched rollback.
- Implemented MCP/RAG, token transparency, OIDC/SCIM, encrypted provider-key management, tenant controls, alerts, analytics, and audit trails.

>_ AI DEVOPS & LLMOPS DELIVERY

- Built CI that type-checks, tests, and builds a React/TypeScript web application and lints/tests a Python 3.12 FastAPI service.
- Published API and web images for linux/amd64 and linux/arm64 to GHCR with a versioned deploy bundle attached to each release.
- Built a policy-aware model gateway with MCP tools, RAG/vector knowledge, agentic workflows, token transparency, and tenant-level model governance.
- Implemented fail-closed production startup, egress restrictions, enterprise identity, audit trails, alerts, analytics, and CSV export.

>_ SELECTED PROJECTS

Aperture Chat - Enterprise AI Workspace Flagship public repository for a governed, self-hosted workspace spanning chat, drafts, agents, knowledge, connectors, identity, policy, audit, and administration. React 19, TypeScript, Python 3.12, FastAPI, Docker Compose.	Anthropic Cowork Legal Plugin -> OpenCode Ported agentic legal workflows for contract review, NDA triage, vendor checks, risk assessment, and compliance tracking to private, non-training models. Python, MCP, Claude Code, OpenCode.
Synthwave Linux Custom Fedora 43-based distribution with Niri, Waybar AI rate-limit monitoring, Whisper voice dictation, and a preconfigured AI coding suite. Ships as a 2.4 GB bootable hybrid ISO.	Open WebUI Integrations Python filters, functions, and manifolds connecting self-hosted Open WebUI to N8N workflows, SearXNG private search, and custom model routing.
OpenClawed AI Bot Self-hosted Raspberry Pi 5 agent connected to WhatsApp and Discord with GLM-5, custom Python orchestration, and real-time message routing.	JudgmentRate Desktop App TypeScript/Electron tool that retrieves U.S. post-judgment interest rates and calculates interest for selected date ranges.

>_ CREDENTIALS & EDUCATION

Certifications: CompTIA Security+ | Microsoft Power Platform Fundamentals (PL-900) | Power Platform App Maker (PL-100) | Power Platform Functional Consultant (PL-200) | *PL-300 in progress*

Education: High School Diploma - details available on request.

Portfolio: matthewresume.com | **GitHub:** github.com/MatthewLopez1990 | **Aperture Chat:** aperturechat.com
Aperture GitHub: github.com/Aperture-Chat/Aperture-Chat