

Tyler Eveland

AI Process Engineer | Applied AI and workflow automation

Mt. Sterling, Illinois | Remote US | U.S. citizen | j.tyler.eveland@gmail.com | 970-306-2417
tylereveland.com | github.com/Evilander | linkedin.com/in/tyler-eveland

Summary

I turn manual operations into software people use, then keep it running. At Adams County I am the only technical contact for five departments, including the Sheriff's office, the jail, and the Health Department, and I have replaced vendor software there with systems I wrote and still maintain. Two years of LLM evaluation at Outlier shaped how I build: consequential decisions go behind explicit review gates. On my own time I ship tested open source, including a Logic Pro file-format decoder built with no public spec.

Technical Skills

Process engineering: Workflow discovery, requirements gathering, stakeholder training, operational support

Applied AI: LLM APIs, agents and tool use, Model Context Protocol (MCP), retrieval-augmented generation (RAG), embeddings, vector and hybrid search, evaluation sets, human-in-the-loop workflows

Development: Python, TypeScript, JavaScript, SQL, PowerShell, Bash, React, Next.js, FastAPI, Node.js, Electron

Data and delivery: PostgreSQL, pgvector, SQLite, SQL Server, IBM Db2 migration, n8n, REST APIs, automated testing (pytest, Vitest, node:test), GitHub Actions CI, Docker, Git

Professional Experience

Hardware Administrator & Project Manager | Adams County Government

Quincy, Illinois | 2024 - Present

- Built retrieval search over county procedures and install guides: staff ask in plain English and get the source passage back. Turned a five-minute document hunt into seconds; the IT team adopted it as its default reference with no mandate behind it.
- Built and maintain the jail bed-audit system and the Sheriff's daily-notes app. Replaced a paid sign-in/out product used by Probation and Health with an internal application.
- Built a YOLO computer-vision pipeline that auto-redacts faces and plates in FOIA video before staff review.
- Built a Db2-to-SQL pipeline that copied the county's entire IBM Db2 records database before an RMS/CAD vendor transition, when no vendor backup would be ready in time. Coordinated the cutover across both vendors and every deputy's in-vehicle terminal.
- Automated onboarding, role changes, and offboarding across Active Directory and Microsoft 365, plus County Clerk payment logging, file-integrity checks, and daily CISA alert emails.
- Wrote a one-step installer that cut RMS installation on deputies' in-vehicle terminals from hours to minutes.
- Run the county's state security audits through remediation and reporting. Remediated the Health Department's device fleet after a HIPAA audit in July 2026.

AI Training Contractor | Outlier

Remote | 2023 - 2025

- Wrote and reviewed coding and reasoning tasks used to train and evaluate frontier language models. Ranked model responses against rubrics for correctness and instruction following.

Independent Developer | Eveland Digital

Remote, part-time | 2026 - Present

- Built a Next.js/TypeScript CRM for a home-service contractor that connects quote intake to proposal generation and lead follow-up. Live for a paying client since July 2026.

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Selected Projects

Ticket Copilot

Support-ticket triage workflow | n8n, JavaScript, LLM APIs

- Classifies each ticket and drafts a cited response from knowledge-base retrieval. A deterministic tripwire can only raise severity, and P1 tickets go directly to a person.
- Eight review gates, including checks for missing citations and exposed personal information. Each run records its routing decision, and nothing sends automatically.
- 101 automated regression tests against the workflow code. On a 12-ticket hand-labeled evaluation set, the first run scored 58 percent; after hardening it scored 12 of 12 with every P1 ticket escalated.

logic2ableton

Open-source DAW project converter | Python, Electron | github.com/Evilander/logic2ableton

- Reverse-engineered Logic Pro's undocumented binary project format to extract note-accurate MIDI (pitch, velocity, position, duration), verified against Apple's own shipping demo songs. Also reads Pro Tools' obfuscated .ptx session container.
- Converts in six directions across Logic Pro, Ableton Live, and Pro Tools, and every run writes a report of what transferred and what did not. Published on PyPI with an Electron desktop app; 423 automated tests with CI on Windows and macOS.

Audrey

Open-source memory for AI coding agents | Node.js, SQLite | github.com/Evilander/Audrey

- MCP server that gives coding agents durable memory across sessions: SQLite with vector and keyword retrieval, consolidation, and confidence decay. Hooks recall context before each prompt and check proposed shell commands against recorded failures before they run.
- Published on npm, PyPI, and the official MCP Registry, with CI on every change.

Earlier Experience

Coding Teacher | Griggsville-Perry High School; Liberty Jr. High & High School

2022 - 2023; 2019 - 2021

Built curriculum and taught coding across two Illinois school districts. Explained technical concepts to learners with no programming background.

Owner & Technician | Independent IT Business

2010 - 2020

Ran a local IT business for a decade: networks, server and workstation builds, repairs, and ongoing support for homes and small businesses.

QA Analyst | PIGSquad

2017

Tested indie game builds and wrote reproducible bug reports for developers.

Education

M.S., Computer Science (Software Engineering) | University of Illinois | 2022

B.A., English | Western Illinois University | 2014

Certifications

Google IT Automation with Python Professional Certificate

Google IT Support Professional Certificate