David Kayne

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Systems integrator with a networking and IT background who builds automation and AI agent systems that cut manual work. BS in Information Technology (WGU), Master's in progress. CompTIA Cloud+ and GIAC GCIA certified.

Experience

Meta, Reality Labs · Pittsburgh, PA

Field Calibration Specialist, Systems Integrator 2 · October 2025 to present

- Reduced system preparation and calibration time by 76% by removing redundant steps and adding early validation logic
- Led the refactor of a calibration software system of more than 10,000 lines of code, improving modularity, maintainability and extensibility
- Built AI-driven automation that runs calibration software offline, handling up to about 200 calibrations a day and saving about 10 minutes per calibration
- Built a web dashboard (TypeScript and SQL, developed with AI) that shows calibration results live for customer viewing
- Used agentic AI systems to isolate changes that caused drift over time and judge whether each change helped or should pause a new deployment
- Developed automation playbooks and standard operating procedures for consistent deployment across specialized environments
- Collaborated across teams to improve calibration accuracy and operational reliability at scale

System Analyst · July 2024 to October 2025

- Subject matter expert on remote site networking, decreasing troubleshooting time by 40%
- Reduced repeat issues and automated repetitive tasks, increasing KPIs by 26%
- Rebuilt remote site upkeep and management processes, resulting in a 120% increase in production
- Streamlined system integration and troubleshooting processes, reducing implementation time by 50%

NetActuate · NOC Technician · April 2024 to June 2024

- Supported one of the world's largest edge networks, working with BGP and Anycast
- Streamlined Jira ticketing with universal templates, increasing labor tracked by 50%
- Rebuilt onboarding documentation with 30/60/90 day goals

Geek Squad · Santa Clarita, CA · Computer Repair Technician · June 2023 to June 2024

- Handled diagnostics and escalations; GSX escalations increased department reviews by 13.5%
- Improved ticketing, increasing tracked labor hours by 30%, while maintaining SOP compliance

Earlier: Sales Advisor, Best Buy (August 2022 to June 2023); STEM Instructor, KidzToPros (November 2022 to March 2023)

Projects

Multi-agent orchestration layer · in progress

- Connects off-the-shelf agents (Claude Duet, OpenAI Dots, Muse, Hermes), with Hermes as the orchestrator delegating each task to the most capable agent
- Creates and receives readable requests between multiple agents today; automated pickup and response is still in progress

Hermes and AI Dojo · since September 2026

- Runs two Hermes agents, one self-hosted on AWS Lightsail and one on Nous Cloud, primarily on Sol 6.2
- The Lightsail agent powers AI Dojo, a shared agentic AI workspace for 6 users
- The Lightsail agent uses Honcho for memory (migrated from Hindsight); the Nous Cloud agent uses Hermes' standard memory and skill management and works on ATLAS

ATLAS · since October 2026

- Always-on AI conversational agent used by 12 people in a Discord community, running on Luna 6
- Python scripts and a SQLite database manage memory and context to cut costs

Education

- Western Governors University, Master's degree in Information Technology · May 2026 to April 2027 (in progress)
- Western Governors University, BS Information Technology · completed February 2026
- College of the Canyons, AAS Network and System Administration · August 2022 to June 2024

Certifications

- **Cloud and operations:** CompTIA Cloud+, Microsoft Azure Fundamentals, ITIL 4 Foundation, CompTIA Network+
- **Security:** GIAC Certified Intrusion Analyst (GCIA), CompTIA Security+, CompTIA CySA+, CompTIA PenTest+

Skills

Python, TypeScript, SQL and SQLite, AWS Lightsail, networking (BGP, Anycast, DNS, segmentation), Jira, AI agents and automation