

NOJUS LIUTIKAS

Applied AI Engineer

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SUMMARY

Applied AI engineer focused on the deployment side of AI — the tools, workflows, and integrations that turn frontier models into real systems. IT graduate (math minor) currently leading a small-business AI rollout end-to-end, with a side portfolio of self-built agent infrastructure (Workpath, EIP). Comfortable owning a deployment from requirements through tooling, infrastructure, training, and operations.

EDUCATION

Montclair State University — Montclair, NJ

May 2026

B.S. Information Technology, Minor in Mathematics

Relevant coursework: Artificial Intelligence, Software Development Practices, Database Systems, Internet Computing, Systems Programming, Data Structures & Algorithms, Computer Networks, Computer Security

EXPERIENCE

Ramas Climate & Refrigeration LLC | Livingston, NJ

2018 – Present

IT & Operations Lead (2024–Present, part-time) · Development Manager (2022–2024) · HVAC Technician (2018–2021)

- Deployed Claude-based AI workflows across a 7-person company (office, foreman, and four field techs) — scoped, trained, and supported non-technical staff new to LLMs.
- Architected the Microsoft 365 tenant from scratch (RBAC, workstation migration, shared file structure), ending file overwrites from a shared personal OneDrive that mirrored one desktop onto another.
- Consolidated fragmented customer-facing surfaces (Wix, IONOS, Google Business Profile) into one operations layer — cut a duplicate domain (~\$400/yr) and replaced an outside web developer by building the site in Wix via Claude.

PROJECTS

Workpath | github.com/UntitledPhases/workpath

May 2026 – Present

- Built a control-plane tool for deploying agentic workflows: authors define the exact SOP an agent follows — subagent fan-out, reasoning budget, handoff points, conditional gates — instead of relying on a prompt to hold.
- Compiled visual workflow graphs into structured agent packets (operator instructions, context pack, tool policy, schema-validated audit JSONL) that any harness can run — Claude, Codex, or custom infra.
- Designed for customer-facing audit: every decision point is inspectable with evidence records, so operators can answer “why did the agent take that path?” in production.

Edge Infrastructure Platform (EIP) | github.com/UntitledPhases/edge-infrastructure-platform

2025 – Present

- Engineered a self-hosted compute substrate for personal AI workloads: Raspberry Pi control plane (5W, always-on), hub compute node via Wake-on-LAN, Tailscale mesh VPN with MagicDNS as trust boundary, Flask APIs as systemd services, RAID1 on 4TB CMR drives with nightly backups.
- Anchored the design in CIA-triad fundamentals and resource discipline — no Docker, no Kubernetes, no orchestration overhead the workload doesn’t justify.

SKILLS

AI Engineering: Context/Tool/Permission scoping, multi-agent orchestration, Anthropic/OpenAI platforms, LM Studio

Languages: Python, Java, C, SQL, Bash, JavaScript, PHP, HTML/CSS

Infrastructure & Cloud: Linux, WSL, Microsoft 365 Administration, Entra ID, Active Directory, systemd, Flask, Git, RAID, TCP/IP, DNS, VLANs, firewalls, VPN (Tailscale), SSH / RDP

Containerization & Orchestration: Docker, Podman, Kubernetes, Jenkins

Mathematics: Linear algebra (proof-based), combinatorics, discrete math, calculus

Certs: CompTIA ITF+, EPA 608

Spoken: English, Lithuanian, Russian