YORK SIMS

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APPLICATIONS DEVELOPER & IT ANALYST

Applications developer and IT analyst with an operations background. Builds and deploys working software: a door-assignment tool that ingests and parses a daily report from email, a shift-metrics app, a live dashboard, a full lab-management SaaS, and an open-source AI-agent runtime with a formal proof. Python, TypeScript/Next.js, SQL and REST APIs; building software since 2021.

EXPERIENCE

Independent Software Development (Caipher AI LLC), part-time | January 2026 - Present

- **VitrOS**: lab-management SaaS built end to end (Next.js, TypeScript, SQL): inventory and lineage tracking, demand planning and production scheduling, Zebra label printing, REST API with webhooks.
- **Nia**: open-source local AI-agent operations runtime (Python) with permission-gated tools and a machine-checked Lean 4 proof that every action stays inside its granted permissions (github.com/theblockchainbaby/nia).
- Builds with the OpenAI and Anthropic APIs (tool use, structured outputs, prompt design); 25+ public GitHub repositories.

Manager, 3rd Shift Outbound (Warehouse Supervisor June-Oct 2026, promoted to Manager Oct 2026) - Ryder System, Inc. (3PL), Rancho Cordova, CA | June 2026 - Present

- Built a door-assignment tool end to end: ingests the Load Out Report from email, parses it, assigns each load the closest open door in its staging zone (108 stores, 130 trailers by type), flags report errors, and returns the finished report in about 15 minutes. Runs nightly; a 23-night replay projects **28% less forklift travel** once zones are restaged.
- Built a shift-metrics program (nightly entry and validation, 7- and 28-night rolling averages, change markers, weekly export for leadership): **40 nights logged**, 18.8 pallets per labor hour pooled against a 24.0 goal, best night **25.4 PPH**.
- Built and deployed an inbound-visibility dashboard for receiving (live at ryder-inbound-command.vercel.app).
- Own nightly outbound of **800-1,200 pallets across 30-47 loads**, leading 5-10 hourly associates on 10-hour shifts; plan labor to the Load Out Report volume and run the night to safety, quality and productivity targets.

Founder & CEO - Elite Eighth Farms, Oklahoma / California | 2017 - 2024

- Hired, scheduled and managed production, packaging and distribution staff; owned procurement, vendor relationships, inventory, regulatory compliance and the budget, with over $3M in capital and board-level reporting. Sold the company in 2024.
- Began building software tools for the operation in 2021.

Heavy Equipment Operator & Certified Trainer - Walmart Distribution Center, Sacramento region | May 2025 - June 2026

- Heavy equipment operator (reach truck, forklift, order picker) in a 7-day, high-volume DC; Certified Walmart Trainer who trained and certified new operators on safe operation, OSHA standards and productivity targets.

TECHNICAL SKILLS

Python, TypeScript, JavaScript, Next.js/React, SQL (Postgres), REST APIs and webhooks, email/report ingestion and parsing, Git/GitHub, Vercel, Supabase, Lean 4; application support, data validation and user training.

EDUCATION & CERTIFICATIONS

A.S., Arts & Sciences - Northern Oklahoma College • Business Management coursework - University of Central Arkansas (NCAA Division I basketball scholarship) • Sophia Learning (ACE credit): Introduction to Python Programming, Introduction to Relational Databases, Introduction to Web Development • Lean Six Sigma White Belt, Council for Six Sigma Certification, 2026 (Green Belt in progress) • Certified Walmart Trainer; OSHA powered industrial truck operator and trainer