

Angel Vaquera Jr.

Highland, IN (Chicago Metro) | hms1660095@gmail.com | (219) 614-3874
linkedin.com/in/angel-vaquera | github.com/avaqueraJr | angelvaquerajr.dev/ai

SUMMARY

AI systems builder finishing a B.S. in Computer Science (senior standing) at Purdue University Northwest, with hands-on experience building neuromorphic AI systems, agent tooling, and LLM API integrations. AWS Certified. Kappa Beta Delta Honor Society. Open to AI engineer, ML engineer, and software engineer roles in the Chicago metro area or remote.

EDUCATION

B.S. Computer Science (senior standing) — Purdue University Northwest, Hammond IN
A.S. Software Development — Cum Laude, National Honors — Ivy Tech Community College | May 2024

CERTIFICATIONS & HONORS

- AWS Cloud Foundations Certified (2023)
- Kappa Beta Delta Honor Society — academic excellence and leadership

SKILLS

AI/ML: Neuromorphic computing, LLM API integration (Claude, OpenAI), agent **Languages:** Python, TypeScript, JavaScript, SQL tooling
Frameworks: FastAPI, Django, React, Next.js **Cloud/Infra:** AWS (Certified), Docker, Vercel, PostgreSQL, MCP

PROJECTS

Terminal Monitor

Python, FastAPI, SQLite, Docker, MCP, RS256

- Commercial operations dashboard for local AI tools, ports, processes, and MCP services — shipped v2.1.0, licensed on Gumroad
- 180 passing tests; offline tiered licensing with an automated buyer-delivery pipeline

angelvaquerajr.dev/ai

NeuroLinked

Python, FastAPI, Neuromorphic Computing, Claude API

- Simulates 100K–1M Izhikevich neurons in real time as a local AI brain server
- Powers persistent cross-session memory for Claude via a 7-endpoint REST API

angelvaquerajr.dev/ai

Job Agent

Python, FastAPI, Playwright, Claude API, APScheduler

- AI job-search agent: Claude-based scoring plus resume and cover-letter tailoring across five platforms
- 35+ passing tests; every application submission stays human-approved by design

angelvaquerajr.dev/ai

WORK EXPERIENCE

Data Entry Specialist — Alverno Healthcare, Hammond IN

September 2024 – Present

- Input and manage laboratory data with high accuracy in a clinical environment
- Collaborate with cross-functional teams to ensure data integrity and timely reporting

Shopper — Instacart / Shipt, Highland IN

2021 – Present

- Achieved 98% customer satisfaction rate fulfilling orders under tight deadlines