

Angel Vaquera Jr.

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SUMMARY

AWS Certified cloud engineer finishing a B.S. in Computer Science (senior standing) at Purdue University Northwest, with hands-on experience designing VPC architectures, deploying containerized applications, and shipping licensed software with a real delivery pipeline. Open to cloud engineer, DevOps, and infrastructure roles.

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

Cloud: AWS (EC2, S3, RDS, IAM, VPC), Vercel
Languages: Python, TypeScript, JavaScript, SQL, Bash
Databases: PostgreSQL, SQLite

DevOps: Docker, CI/CD pipelines, service supervision
Frameworks: FastAPI, Django, Next.js, Node.js

CLOUD EXPERIENCE

- Designed VPC architecture with public/private subnets, route tables, and security groups for multi-tier web apps
- Deployed and managed EC2, S3, RDS, and IAM policies on AWS — AWS Cloud Foundations Certified
- Containerized services with Docker for consistent deployments
- Built and shipped an offline, RS256-licensed software product with an automated delivery pipeline

PROJECTS

AWS VPC Architecture

AWS, VPC, EC2, S3, RDS, IAM, Linux

- Architected VPC with public/private subnets, route tables, and security groups for a multi-tier web app
- Deployed and managed EC2, RDS, S3, and IAM policies on AWS

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Terminal Monitor

Python, FastAPI, SQLite, Docker, MCP, RS256

- Shipped and licensed v2.1.0 with Docker support and an automated Gumroad-to-delivery pipeline
- 180 passing tests covering deployment, licensing, and runtime behavior

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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