

Newburgh, NY

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github.com/The-Cloudditect

SUMMARY

DevOps engineer with 30 years in software engineering and cloud architecture, from hands-on infrastructure builds to enterprise-wide platform design. Career defined by owning CI/CD architecture, infrastructure as code, and containerized platforms across providers. Deep security background including NIST certifications, OWASP compliance, base image hardening, and zero-trust architecture implementation. Track record of building reliable, scalable infrastructure for mission-critical production systems with 24x7 uptime requirements, and the monitoring and observability layers to keep them healthy.

EXPERIENCE

[The Cloudditect](#) in Newburgh, NY

6/24 - present

Founder, Principal Software Engineer | [100% 5-Star Google Reviews](#)

- Engineered CI/CD pipelines with GitHub Actions for cross-platform Docker container builds, including automated upstream merge workflows for open-source AI projects
- Deployed and managed containerized AI/ML inference stacks using Docker Compose with GPU acceleration on self-hosted infrastructure
- Built and secured MCP servers with custom OAuth 2.0 authentication layer; managed full infrastructure lifecycle on personal hardware
- Developed full-stack Python/Django application with containerized dev environments and automated Vite frontend build pipeline

[IAC Applications, Inc.](#) / [Ask Applications, Inc.](#) / [Mosaic.co, Inc.](#) in Yonkers, NY

10/16 - 3/24

Principal DevOps; Finops

10/22 - 3/24

- Launched and defined FinOps practice across the entire brand portfolio, adapted from the TBM Framework
- Worked with Google's FinOps CostOps Lead while building our short, medium and long term strategies
- Deployed cloud tagging standards and provided implementation plans, scripts, and support to brand engineers
- Managed and documented cloud standard maintenance, such as; brand engineering, finance, or other teams adding custom tags
- Utilized GCP cloud native and 3rd party tools such as BigQuery and Cloudability to derive and communicate findings
- Debuted processes for estimating, modeling and communicating cost comparisons between cloud solutions
- Matched presentation of findings to audience from C-Suite to brand managers, engineering teams, and individual contributors
- Identified, evaluated and addressed operational challenges to head off cost spikes and eliminate inefficient cloud spend, such as:
- Provided 6 months lead on solving for 150x cost increase on a Teleco brand, stakeholders ultimately saved and reaped other benefits
- Drove adoption of committed use discounts, saving \$100K for 2023 by end of week 1, quarter 1
- Lowered overall cloud spend on a 7 figure annual spend by 10% in 2023
- Estimated stop loss of 3% in 2023, on track for total of 30% saving over 2023 annual cloud costs in 2024

Cloud Architect/Principal DevOps

2/18 - 10/22

- Onboarding of acquired businesses with a focus on meeting enterprise security and compliance standards
- Infrastructure design, project management, workflow management, process management
- Technical migration of application stacks and organizational process including but not limited to
- VPC design, CI/CD pipelines, VCS workflows, infrastructure as code, escalation process and response
- Partnered with security department on NIST certifications and OWASP compliance; led base image hardening initiative and served as technical point of contact for quarterly security audits

Manager, DevOps

2/17 - 2/18

- Oversaw data center exit and cloud migration to Google Cloud Platform
- Managed a team of 4 engineers supporting the largest business units within Ask Applications
- Hiring and professional development of team members and contractors

Senior DevOps Engineer

10/16 - 2/17

- SRE, including management of revenue impacting outages and downtime events 24x7
- Onboarded and defined process for offshore 24x7 escalation and response teams
- Authored and maintained the enterprise-wide change management process
- Project and standards management including but not limited to: PCI compliance in AWS, new products and workflows in AWS and on prem data centers, product lifecycle management, developer workflow and process improvement, integration of BI and monitoring tools

[RegionalHelpWanted, Inc.](#) in Central Valley, NY

5/15 - 7/16

Software Engineer / DevOps

- DevOps and full stack engineering and SRE in a Linux server environment with mixed client platforms
- Research, implement and manage 3rd party software solutions such as Datadog, Newrelic, Logentries, and others
- Infrastructure and deployment as code with Ansible on AWS VPC using ELB's, S3, RDS, IAM and more
- Full stack Python development with Django, Javascript, Bash, Postgres and MS SQL

[Evolving Media Network](#) in Kingston, NY

2/14 - 5/15

DevOps

- Sysadmin and DevOps in a Linux server environment with a focus on site reliability and security
- Infrastructure and deployment as code using Chef to deploy to Cloudstack on Xen and AWS VPC
- Backend development centered on PHP, Ruby, Bash and MySQL

EDUCATION

[SUNY Plattsburgh](#) in Plattsburgh, NY

Bachelor of Science, Computer Science

2001

[Marist College](#) in Poughkeepsie, NY

Master of Science, Computer Science

2014

INTERESTS

Dungeons & Dragons "Forever GM"

Designing and building custom PC's

Unabashed coffee enthusiast

Hudson Valley, NY Hiking

Astronomy and Cosmology

Volunteering