

curtis j. wilson

technology leader · platform engineer · systems builder
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summary

i lead enterprise automation and container platforms, with more than two decades across infrastructure, cloud, kubernetes, sre, automation, and engineering management. i build reliable systems, automate what should be repeatable, and develop the people around the work.

experience

IT Manager, Automation & Container Platforms

Duke Health Technology Solutions · nov 2024 – present

- platform strategy and service ownership across kubernetes, automation, and developer experience
- vendor and stakeholder management for enterprise platform roadmaps and lifecycle
- incident and problem management with customer communication — not just tooling
- architecture standards, security/governance integration, and customer onboarding documentation

Senior Cloud Platform Engineer

Duke Health Technology Solutions · jan 2022 – nov 2024

- designed and implemented modular azure building blocks — reusable deployment components encoding standards, security, and governance
- shifted teams from one-off cloud resources toward cloud infrastructure as a reusable platform product
- automated azure compute gallery image pipelines aligned to security benchmarks
- championed logging and monitoring standards through documentation, training, and advocacy

Senior Azure FastTrack Engineer

Microsoft · jan 2018 – jan 2022

- forward-deployed pattern: own the path from customer intent to a running production architecture
- poc discipline — validate early, fail cheaply, then harden for production
- hybrid and enterprise architecture guidance under real customer constraints
- production readiness as a first-class deliverable, not a handoff afterthought

Lead Enterprise Infrastructure Engineer, Cloud & Automation

MetLife · jan 2016 – jan 2018

- helped shape roadmaps for azure, aws, cloud services, and automation adoption
- built automated deployment pipelines for iaas and paas, reducing manual provisioning
- engineered azure security policies and secure enterprise cloud patterns
- helped develop a secure, isolated framework for enterprise azure paas consumption

Senior System Administrator

Acumen Physician Solutions · jan 2012 – jan 2016

- architected and maintained a highly available microsoft hyper-v production environment
- led physical-to-virtual migrations and windows server engineering
- improved resource utilization and operational flexibility
- built powershell automation and operational documentation for supportability

System Administrator

lpas · jan 2009 – jan 2012

- supported windows server, vmware, san/storage, and enterprise collaboration platforms
- led office communications server implementation and sharepoint administration
- trained end users and supported core infrastructure and communications services
- developed the cross-stack troubleshooting instincts that still shape my work today

skills

platforms: Kubernetes, OpenShift, AKS, GitOps, Developer Hub, Ansible Automation Platform

cloud & automation: Azure, AWS, Terraform, Bicep, ARM, CI/CD, PowerShell, Python

reliability: SRE, observability, SLOs, incident management, lifecycle management

leadership: engineering management, platform strategy, developer experience, stakeholder alignment

education & development

- computer engineering studies, clemson university — four years, non-degree
- certified scrummaster (csm)
- cissp training