CHRIS STANFIELD

Cloud Engineer

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PROFESSIONAL OVERVIEW

Professional with 10 years of experience, including the last two focused on cloud engineering in the defense industry. I bring a solid background in systems administration and am eager to continue growing my skills in DevOps, embrace new tools and practices, and collaborate with teams to build efficient solutions.

WORK EXPERIENCE

ProdOps Engineer | Research Innovations Inc., Remote   January 2023 – January 2025

- Built out a new Azure environment that was fully compliant with the Department of Defense Impact Level 4 requirements (DoD IL4), allowing the company to secure Azure specific defense contracts.
- Responsible for managing and maintaining cloud infrastructure across AWS and Azure, ensuring uptime, security, and supporting other teams' cloud-based projects and their specific needs.
- Set up a hub-and-spoke hybrid network architecture in Azure that connected to the on-prem network, allowing data to be shared between environments without going over the public internet.
- Automated account infrastructure provisioning with Terraform, with the goal of creating consistent, repeatable, and compliant deployments across cloud environments.
- Deployed Artifactory on Elastic Kubernetes Service (EKS) using Terraform and Helm Charts, integrated with S3 and RDS.
- Worked with technical leads and department heads to reduce cloud footprint and bring expenses back under budget by setting up schedules, upgraded EBS volumes, and right sizing instances.   This effort reduced the monthly bill by 27%.
- Learned to deploy our products using Ansible playbooks, gaining hands-on experience with configuration management and automation
- Began learning Red Hat Linux and developed foundational skills in system troubleshooting and administration in a production environment
- Worked on AWS Lambda functions using Python to support automation and backend processes.

Cloud Systems Administrator | UT Southwestern Medical Center, Dallas, TX   October 2019 – January 2023

- Pursued multiple cloud certifications through self-driven education, acquiring skills in AWS and Azure
- Leveraged newly acquired skills to contribute to cloud initiatives, leading to a promotion to the cloud team.
- Gained hands-on experience with cloud networking concepts, including managing Azure ExpressRoute for secure, high-throughput connections between on-premises infrastructure and Azure.
- Built a strong understanding of Azure AD, managing user identities, groups, and roles, while leveraging RBAC to implement fine-grained access controls across cloud resources
- Set up and managed multiple SSO applications using SAML, improving user authentication processes and enhancing security across cloud-based services
- Led a cloud cost optimization initiative to clean up unused and underutilized resources to reduce an annual $500,000 bill by 16%.

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WORK EXPERIENCE CONTINUED

Network Administrator | Addus Homecare, Frisco, TX   February 2017 – October 2019
- Developed PowerShell skills by automating tasks in Active Directory and Exchange, streamlining user management, mailbox configurations, and routine administrative processes
- Led data migrations for newly acquired businesses, writing PowerShell scripts to automate user accounts, mailbox and data transfers, replacing manual processes and reducing migration time.

Systems Administrator | Stonegate Senior Living, Lewisville, TX   April 2015 – February 2017
- Completely automated image deployment, reducing our turnaround time on a broken laptop from 2 weeks to 2 hours.
- Introduced group policies to the environment and pushed projects to automate printer installs, network drive mapping, and software deployments.

SKILLS

Azure and Azure Government	AWS and AWS Govcloud	Terraform	Azure DevOps
Powershell	Windows/ Red Hat Linux	Kubernetes Administration	Git/Github
Python	Scripting	System Administration	Atlassian/Jira/Bitbucket

EDUCATION

B.S. Computer Information Systems | Texas A&M University – Central Texas | Killeen, TX   May 2014

CERTIFICATIONS   **Expires**

Microsoft Certified: Azure Solutions Architect Expert	April 2026
Microsoft Certified: DevOps Engineer Expert	March 2026
Microsoft Certified: Azure Administrator Associate	October 2025
AWS Certified Solutions Architect – Associate	January 2024