Jaden Walker

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https://github.com/vloidcloudtech   https://medium.com/@vloidcloudtech

EDUCATION

BrightPoint Community College, Chester VA
Computer Science GPA3.0
Old Dominion University
Cyber Security (Projected Graduation May 2026)

CERTIFICATIONS

AWS Cloud Practitioner, Comptia Security +, ITIL V4 Foundation, Terraform associate 003 ,Splunk Power User, Splunk Core Certified User, AWS SYSOPS Admin (Testing Jan 2025)

TECHNICAL PROFICIENCIES

Python	Aws S3	Automation (powershell)
AWS CloudFormation	HCL	Virtualization (M365/Exchange
Windows	Networking	Ticket Documentation
GitLab	Active Directory	IaC
Kubernetes	Terraform	Splunk

PROFESSIONAL EXPERIENCE

TIAG, Remote
System Administrator/ Cloud Migration Engineer   January 2024- Current
• Managed and maintained services including Windows AD,Exchange, MS SQL ensuring high availability and following security best practices
•Responsible for heading the effort to use AVD (Azure Virtual Desktop) as a pilot and intermediate service and creating Standard Operating Procedures (SOPs) for end-users and other system administrators
• Developed PowerShell code to automate Azure virtual desktop pilot setup and migration, then created automation scripts to automatically ingest user logon data from AVD environment, ensuring operational continuity and optimal resource utilization in a virtualized environment.
• Developed Splunk SPL to automatically ingest data from Azure Virtual Desktop environment to monitor user activity, ensure the security of the network, and provide leadership with accurate numbers to secure funding for the pilot to transition into production
• Trained 10 users on how to use Splunk at a basic level and created documentation on use cases
• Created and continuously deployed a Powershell automation script to speed up the processes of Creating Users, Updating Servers, and pulling reports
•Developed Splunk SPL to develop Splunk Dashboards to monitor O365 license usage, monitor stale users, and collaborated with the network team for a monitoring dashboard
•Conducted in-depth research into AWS migration solutions, assessing C-Army services for potential implementation, and provided strong recommendations in the drafting of the overall proposal plan to use C army for services that would improve customer efficiency
• Conducted regular vulnerability assessments and applied patches using STIGs, maintaining compliance across 10+ servers on AWS, VMware v-Sphere, and on-premise environments.
•Responsible for provisioning test servers in coordinance with Network and Security Engineers
•Responsible for using security best practices using STIGS, patching POAMs, and executing manual checks as required in RMF implementation.
• Responsible for receiving vulnerability reports and patching servers weekly
• Provided weekly performance and resource usage reports to the Director of Engineering, highlighting trends and improvement areas.

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• Created Cost optimizer and Cost monitoring service for AWS usage.

• Contributed to creating and refining an updated System Security Plan (SSP) with the security team, ensuring compliance with relevant security frameworks and standards.

•Developed Standard Operating Procedures (SOPs) for daily processes to streamline the onboarding process for potential new hires.

SAIC, Richmond, VA

System Administrator   November 2022- January 2024

• Promoted from Tier 2 Technician to Junior System Administrator, seamlessly transitioning from subcontractor to full-time employee

• Created and continuously deployed a Powershell automation script to speed up the processes of prestaging, grouping, moving, and modifying over 10,000 users and machines in Active Directory

• Provide technical leadership as Lead Technician, currently prestaging, grouping, configuring, and modifying over 10,000 workstations in Active Directory

• Deploy Windows Server 2019 and Credgaurd software on Windows 10 BIOS, enhancing security and performance

• Led automation efforts for Active Directory management, using PowerShell scripting to streamline administrative tasks for over 10,000 users, reducing manual effort by over 35%.

• Contribute to maintaining high cybersecurity standards by implementing user quarantines and ensuring compliance with regulations

• Collaborate with the team to refresh 893 users and bring their configurations back into compliance, maximizing productivity

• Created and continuously deployed a Powershell automation script nightly to notify users via email when passwords are about to expire.

• Deploy, manage, and fix software on specific workstations with administrator credentials, delivering seamless operation for end-users

• Interface with a highly effective team supporting and managing Microsoft 365 and Exchange services, delivering exceptional customer service

• Initiated IAVA responses and system security scans; completing remediation; extending IAVA patches and security updates on various IT and network systems.

Apex Systems, Richmond, VA

Tier 2 Service Desk Tech   September 2021- November 2022

• Promoted from Tier 1 to Tier 2 technician and improved efficiency by 48% by bringing a new Standard Operating Procedure to management

• Managed over 10,000 users in the network and resolved over 300 tickets a month, averaging over 30 daily calls

• Utilized admin credentials to deploy, manage, and fix software on workstations

• Automated 35% of daily work using PowerShell scripting and provisioned group policy updates to users

Conduent , Remote, VA

CSR   April 2021 – September 2021

• Using Mac OS to complete day to day operations while maintaining security compliance and security protocols

• Documenting,updating, and closing about 500 tickets a month.

• Maintained compliance with established and updated policies and procedures with minimal supervision.

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ADDITIONAL PROFESSIONAL EXPERIENCE

Solix, Remote, VA
CSR   January 2021- March 2021
• Assist clients with getting the COVID-19 vaccination.
• Maintained compliance with HIPAA.
Spirit Halloween
Assistant Manager   September 2018- November 2019
• Maintained inventory and PII
• Lead my store to have the leading profit margin for the region

ADDITIONAL PROJECT EXPERIENCE

**The Exploration of Security as Code: DevSecOps Patterns with AWS
(https://github.com/vloidcloudtech/SecurityasCode-DevSecOps-Patterns)**
•Developed a Security as Code (SaC) solution combining DevSecOps and Infrastructure as Code (IaC) on AWS.
•Used AWS CloudFormation to define secure infrastructure configurations, including an encrypted S3 bucket and restricted security groups.
•Integrated cfn-nag in AWS CodePipeline to perform preventive security checks, ensuring compliance and detecting misconfigurations before deployment.
•Conducted a migration from AWS CodeCommit to GitHub, enhancing CI/CD automation and version control.
•Performed fault injection testing to assess system resilience under simulated failure conditions, verifying infrastructure stability and security in high-stress scenarios.

**Building a Secure AWS Environment with Terraform and Python
(https://github.com/vloidcloudtech/Secure-AWS-Environment-with-Terraform-and-Python)**
•Designed and deployed AWS resources—including VPCs, EC2 instances, and security groups—using Terraform to implement Infrastructure as Code (IaC) best practices for consistent and efficient provisioning.
• Created Python scripts to simulate and remediate security violations in AWS services (S3, EC2, IAM), automating compliance checks based on CIS and NIST standards to enhance cloud security posture.
•Built a Flask web application hosted on an EC2 instance to visualize security compliance status in real-time, integrating AWS services like GuardDuty and Security Hub for comprehensive monitoring.
•Enforced encryption and access policies on S3 buckets, automated the quarantine of compromised EC2 instances, and remediated overly permissive IAM roles, adhering to industry security frameworks and best practices.

Terraform Beginner Bootcamp (https://github.com/vloidcloudtech/terraform-beginner-bootcamp-2023)
•(Terraform,AWS,Gitpod,Terratowns,Ruby Server)
•Infrastructure as Code (IaC): Gained proficiency in Terraform, HCL scripting, Bash scripting,HTML, and Go
•Git Proficiency: Demonstrated expertise in Git operations (Pull Requests, Commits, Merges, Pushes, Branching).
•GitHub Documentation: Created and updated documentation using GitHub, including Markdown.
•Cloud Development Environment (CDE): Managed Gitpod Workspaces and VSCode basics.
•AWS CLI: Installed and configured the AWS Command Line Interface to create IAM users, credentials,S3 buckets,and Deploy.
•Designed TerraTowns, a Geocities-style hub connecting personal websites to simulate a production environment.
•Implemented Infrastructure as Code (IaC) to create Terra Houses, enabling CMS-powered websites.