Cloud DevOps Engineer | AWS Solutions Architect | Cloud Administrator

Brian Hudson

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Professional Summary

Results-driven Cloud DevSecOps engineer with extensive experience in cloud infrastructure, automation, and CI/CD pipeline development. Proven expertise in AWS and GCP infrastructure, leveraging tools like Jenkins, Ansible, and Terraform, and GitHub to optimize deployments. Strong background in security compliance, infrastructure as code (IaC), and system administration. Adept at collaborating with cross-functional teams to drive efficiency and scalability in cloud environments.

Technical Skills

- Cloud Platforms: AWS, Oracle Cloud Infrastructure, Azure, Google Cloud Platform, VMware
- DevOps and CI/CD: Jenkins, CloudBees CI, GitHub, GitLab, Bitbucket, FlexDeploy
- Infrastructure as Code (IaC): Terraform, Packer, Ansible, Ansible Tower, CloudFormation
- Operating Systems: Linux (RHEL, AL2/AL2023, Ubuntu, Fedora, CentOS)**,** Windows Server 2016/2019
- Security and Compliance: HBSS, ACAS, Alert Logic, Splunk, IAM, AWS Security Tools
- Programming and Scripting: Bash, Python, Powershell, Javascript, HTML, CSS, C++, Perl, Ruby
- Database Management: Oracle, PostgreSQL, RDS
- Tools and Ticketing: Git, Jira, Confluence, Bitbucket, Visual Studios, SharePoint

Certifications

- AWS Certified Solutions Architect Associate (Valid through April 2026)
- Comp TIA Security + CE (Valid through June 2027)
- Managing Office 365 Identities and Requirements (2017)

Professional Experience

ASM Research - Remote (Fairfax, VA)

DevOps Cloud Engineer (February 2025 - Present)

- Designed and implemented CI/CD pipelines integrating Jenkins, Ansible, and Terraform on Oracle Cloud Infrastructure.
- Enhanced cloud security by automating patching and implementing compliance policies.
- Utilize Jenkins, Ansible, Linux, Git Bash, and Python in Oracle Cloud Infrastructure in day-to-day duties.

ASM Research - Remote (Fairfax, VA)

Cloud Administrator II (September 2022 – February 2025)

- Automated AWS infrastructure deployment via CloudFormation Service Catalog.

- Perform vulnerability scans via Inspector and report findings to security team. Implement patches for critical, high, medium, and lows in accordance with our security patching requirements.

- Managed RDS Postgres and Oracle databases, implementing efficient backup and maintenance solutions.

- Optimized operations and maintenance support for lambda functions that are vital to the SFTP users workflow.

- Leveraged Lambda and CloudWatch to improve AWS monitoring on our AWS services and applications within our enclave.
- Through automation I created through CloudFormation and Lambda, the project saved $100K+ AWS cost savings via automation and optimization.
- Streamlined security patching for 200+ cloud instances.

SAIC - Remote (Panama City Beach, FL)

DevSecOps Lead (January 2022 to September 2022)

- Lead a team of 3-5 engineers, providing coaching and annual performance reviews.
- Automated provisioning of RHEL 8, Windows Server 2019, and Ubuntu virtual machines using Ansible and Terraform.
- Designed CI/CD pipelines for secure software deployments on VMware.

- Implemented enterprise-wide CI/CD pipelines, enhancing release efficiency.

SAIC - Remote (Panama City Beach. FL
Software Integrator/System Administrator (July 2019 to January 2022)

- Develop Ansible playbooks to automate server deployments in VMware.
- Automating of the installation and configuration of COTS software
- Installing and configuring Active Directory Domain Services via Powershell
- Reduced deployment times by 70% through Terraform and Ansible automation.

Omnitec Solutions Inc. - Remote (Fort Meade, MD)

AWS/Linux System Administrator (October 2018 to July 2019**)**

- Provided AWS cloud infrastructure support for Jira, Confluence, and Crowd applications used by 35,000+ personnel.
- Configured Splunk, CloudWatch and Akamai WAF for security and monitoring.
- Led weekly maintenance and performance tuning of cloud-hosted services.

Professional Recognition:

2014 - Exceptional Contribution - Nominated and recognized by senior management for going above and beyond for our clients.

2013 - Golden Eagle Award - Nominated and recognized by senior management for being

recognized By our client for providing exceptional support.

Education:

Texas A&M University San Antonio

B.A.A.S in Information Security and Assurance | Magna Cum Laude | 2018 | GPA: 3.5

Northwest Vista College

A.A.S in Information Security and Assurance | 2016 | GPA: 3.6
- Certificates/Skills: Computer Forensics, Cisco CCNA, Cyber First Responders Marketable Skills Achievement Award, Linux Professional Institute Certification Level 1, CompTIA Security+ Certification Preparation Marketable Skills Achievement Award