

Desiree' Weston

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SUMMARY

Cloud & DevOps Engineer with hands-on experience deploying AWS/Azure resources, automating infrastructure with Terraform/ARM, building containerized environments, and supporting enterprise-scale integrations across SaaS, ERP, and financial systems. Combines technical execution with sharp analytical skills from an accounting and implementation background, enabling precise system design, financial data integrity, and secure workflow automation. Skilled in CI/CD pipelines, IaC, API integrations, containerization, cloud migrations, and environment troubleshooting.

SKILLS

Cloud: AWS (EC2, S3, Lambda, CloudFormation, IAM), Azure (App Services, VNets, Key Vault, Storage)

IaC: Terraform, CloudFormation, ARM Templates

DevOps Tools: GitHub Actions, Jenkins, Docker, Kubernetes, Vagrant

Programming: Python, Bash, PowerShell, Go, YAML

APIs & Integrations: REST APIs, Postman, JSON, OAuth2

Data & Monitoring: SQL, CloudWatch, Log Analytics, Power BI

Security/Compliance: IAM, MFA, TLS, PCI, HIPAA

Other: Jira, Confluence, Agile/Scrum

EXPERIENCE

Cloud QA & Integration Engineer (Contract)

Aston Carter @ Fanatics

June 2025 - Present, Jacksonville, FL

- Validated deployment of cloud-connected financial applications by designing and executing comprehensive test scenarios for API integrations, data processing workflows, and ERP system behaviors across production and staging environments.
- Built and executed UAT test plans covering workflow automation, revenue calculation logic, data ingestion pipelines, and exception handling to ensure accurate financial processing.
- Performed SQL-based data validation and Excel analysis to identify discrepancies in cloud-hosted financial components, ensuring 100% data accuracy before production releases.
- Collaborated with cross-functional engineering and product teams to triage 40+ critical defects, accelerate bug resolution cycles, and improve overall system stability for release readiness.
- Created detailed technical documentation of integration workflows, defect patterns, and process flows, reducing troubleshooting time and supporting continuous platform improvements.

Cloud Implementation Engineer

Constellation Payments

November 2024 - June 2025, Remote

- Integrated payment-processing platforms across AWS infrastructure and PCI-compliant cloud environments, delivering secure and performant workflows for 4,000+ merchants nationwide.
- Automated merchant onboarding and deployment workflows using REST APIs, Azure Logic Apps, and Terraform infrastructure-as-code, reducing deployment cycles by 25% and accelerating time-to-market.
- Developed comprehensive integration test suites to validate API communication, cloud-to-merchant data flows, and system resiliency under high-volume transaction loads.
- Maintained 99.8% platform uptime by monitoring API performance metrics, triaging real-time alerts, and resolving cloud service incidents within SLA requirements.

Cloud Solutions Engineer

Momentive Software

November 2021 - November 2024, Remote

- Architected and deployed Azure cloud infrastructures for 20+ enterprise clients using VNets, Azure SQL, blob storage, VM compute resources, and network security groups.
- Migrated complex on-premises accounting systems to Azure cloud using Terraform and ARM templates, improving deployment efficiency by 40% and achieving 99.9% uptime SLAs.
- Reduced client cloud spend by 20% through strategic workload rightsizing, storage tier optimization, reserved instance planning, and implementation of Azure cost management policies.
- Led Agile sprints and cross-functional collaboration sessions to deliver secure, scalable, and compliant cloud environments aligned with enterprise security standards.

Cloud Integration Associate

Forcura

December 2020 - June 2021, Jacksonville, FL

- Engineered integration pipelines using Azure Data Factory, PowerShell, and Python to connect legacy EHR systems with modern cloud-based healthcare workflow platforms.
- Automated patient onboarding and clinical data transfer processes, reducing manual workflow processing time by 50% and improving care coordination efficiency.
- Implemented HIPAA-compliant identity and access management controls for secure cloud data movement, ensuring regulatory compliance across all integration touchpoints.

Systems Administrator

City of Jacksonville

November 2017 – December 2020, Jacksonville, FL

- Led enterprise-wide deployment of cloud-hosted risk management system across 15+ municipal departments, integrating SQL databases and automating incident tracking workflows for 2,000+ city employees.
- Optimized incident reporting workflows and introduced automation tools, improving report generation frequency by 40% and reducing average incident resolution time by 25%.
- Developed comprehensive user training programs and technical documentation, driving a 95% system adoption rate across all participating departments within six months.

EDUCATION

B.S. Accounting

Strayer University • Jacksonville, FL • 2018

CERTIFICATIONS

AWS Certified Cloud Practitioner

Amazon Web Services • 2025

AWS Certified AI Practitioner

Amazon Web Services • 2025

AWS Certified Developer Associate

Amazon Web Services • 2025

PROJECT

Automated Onboarding Workflow

Personal Project | DevOps Engineer • github.com/desinthecloud/automation-onboarding • November 2025 – November 2025

- Created scalable, cost-efficient onboarding automation that mirrors enterprise DevOps practices, demonstrating production-ready skills in infrastructure automation, reducing environment setup time by 90%, and establishing repeatable patterns for future projects.
- Engineered a zero-touch onboarding pipeline that provisions complete development VMs using Vagrant and VMware Fusion, eliminating 100% of manual setup steps and reducing onboarding time from hours to minutes.
- Integrated GitHub Actions for automated infrastructure validation, triggering post-deployment test suites to verify environment stability and configuration consistency after network cleanup operations.

GoMicroServe – Dockerized Go Microservice

Personal Project | DevOps Engineer • github.com/desinthecloud/go-dev-project • November 2025 – November 2025

- Optimized Go microservice containerization leveraging multi-stage Docker builds, trimming deployment image size by 70% and enhancing CI/CD pipeline efficiency with automated builds and rapid releases.
- Automated build, test, and deployment workflows through custom Makefile commands, enabling consistent one-command execution across development and production environments.
- Integrated error handling, input validation, and logging features within API endpoints utilizing Go's net/http, error packages, and structured logging tools.

Hybrid Auto-Scaling Microservice Platform

Personal Project | Cloud/DevOps Engineer • github.com/desinthecloud/autoscaling-microservice • November 2025 – November 2025

- Designed and deployed a horizontally auto-scaling FastAPI microservice across both a Kubernetes homelab (Minikube) and AWS ECS Fargate, delivering a resilient hybrid architecture capable of scaling automatically under CPU load.
- Implemented full infrastructure automation using Terraform, provisioning ECS clusters, Fargate task definitions, ALB routing, autoscaling policies, IAM roles, CloudWatch logging, and secure networking without manual console interaction.
- Built an end-to-end CI/CD pipeline using GitHub Actions that automatically builds Docker images, pushes to Docker Hub, registers updated ECS task definitions, and performs zero-downtime rolling deployments on every commit to main.
- Enabled responsive monitoring by connecting real-time performance data from AWS and Kubernetes environments, streamlining root cause discovery through centralized observability.

