Desiree' Weston

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Leveraging 5+ years of experience in secure systems design, hybrid-cloud deployments, and automation pipelines. Proven ability to translate business needs into technical solutions with expertise in Terraform, AWS, Azure, Kubernetes, and CI/CD. Currently pursuing advanced AWS and Kubernetes certifications to deepen engineering capabilities and drive scalable, automated infrastructure solutions.

Certifications

- AWS Certified Cloud Practitioner – Earned March 2025
- AWS Certified AI Practitioner – Earned July 2025
- AWS Developer Associate - Expected Sept 2025
- Certified Kubernetes Administrator – Expected Oct 2025
- AWS Machine Learning Engineer – Expected Nov 2025

Cloud Engineering Highlights

- Deployed hybrid-cloud workloads in AWS and GCP using Terraform and Kubernetes to support containerized applications.
- Built and optimized CI/CD pipelines with GitHub Actions and Jenkins, improving deployment speed and consistency.
- Migrated 80+ enterprise workloads to Azure using ARM templates and Terraform, enhancing scalability and reducing costs.
- Architected secure payment systems with microservices, REST APIs, and role-based access controls for HIPAA/PCI compliance.
- Designed and automated data ingestion workflows using Azure SQL, Event Hubs, and cloud-native ETL pipelines.

Technical Skills

- Cloud Platforms: AWS, Azure, GCP
- Infrastructure as Code: Terraform, ARM Templates, CloudFormation
- Containers & Orchestration: Docker, Kubernetes
- DevOps & CI/CD: GitHub Actions, Jenkins
- Scripting: Python, Bash, Azure CLI, PowerShell (basic)
- Security & Compliance: IAM, RBAC, MFA, HIPAA, PCI, TLS/OAuth2
- Data Platforms: Azure SQL, Event Hubs, ETL Pipelines

Experience

ERP Implementation /UAT Tester | Aston Carter - Fanatics   **| June 2025 – Present**

- Architected and validated ETL pipelines for financial software using Python and SQL in hybrid-cloud environments.
- Engineered CI/CD pipeline integrations in GitHub Actions, ensuring secure environment variable management across dev and staging.
- Designed and executed automated test cases in Agile sprints, supporting full-cycle UAT for cloud-enabled ERP deployments.
- Collaborated with cloud engineers to troubleshoot hybrid deployment issues, aligning workflows with security compliance requirements.
- Collaborated with engineers to resolve hybrid deployment issues and ensure compliance with secure workflows.

Implementation Consultant | Constellation Payments   **| Nov 2024 – Jun 2025**
- o   Deployed secure payment platforms using Terraform, microservices, and REST APIs in compliance with PCI and HIPAA.
- o   Automated infrastructure provisioning via IaC and enforced RBAC for access control.
- o   Reduced incidents by 30% through root-cause analysis and system optimization.
- o   Authored technical documentation for deployment architecture and security frameworks.

Implementation Consultant | Momentive Software   **| Nov 2021 – Nov 2024**
- o   Executed 80+ Azure migrations using ARM templates and Terraform, enabling scalable cloud adoption.
- o   Designed hybrid cloud architectures to improve performance and reduce costs.
- o   Built secure Azure SQL platforms and integrated service APIs for enterprise workloads.
- o   Delivered architecture reviews to support compliance readiness and Agile sprint goals.

Associate Implementation Consultant | Forcura   **| Dec 2020 – June 2021**
- o   Built secure onboarding pipelines for document management systems, aligned to HIPAA compliance.
- o   Architected modular workflows for data ingestion, provisioning, and privacy enforcement.
- o   Produced system documentation for audits and cross-team technical enablement.

Risk Management System Administrator | City of Jacksonville   **| Nov 2017 – Dec 2020**
- o   Implemented RBAC, MFA, and audit logging for enterprise risk systems.
- o   Integrated legacy platforms with centralized governance for future cloud migration readiness.
- o   Reduced security exposure by 50% through configuration audits and threat modeling.

Projects
- o   Hybrid-Cloud Container Deployment: Built AWS ECS and GCP GKE clusters with Terraform; deployed containerized applications and integrated CI/CD using GitHub Actions.
- o   Serverless Data Pipeline: Automated ingestion from S3 to AWS Lambda for transformation and loading into RDS; implemented IAM policies for least-privilege security.
- o   Azure SQL Migration: Migrated on-premises databases to Azure SQL with ARM templates; automated deployment and monitoring scripts for post-migration health checks.

Education - B.S. in Accounting | June 2018 | Strayer University, Jacksonville, Florida