

Khayla Canzater

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CAREER SUMMARY

Cloud Engineer specializing in secure, scalable AWS infrastructure using Terraform, Python (Boto3), and CI/CD tools like GitHub Actions and Jenkins. Automates infrastructure workflows to improve deployment speed, reliability, and maintainability.

WORK EXPERIENCE

Cloud Engineer

Self-Employed

Sept 2023 - Current

Remote

- Built 10+ reusable Terraform modules (VPC, EC2, IAM, S3), reducing AWS setup time by 70%
- Automated EC2 provisioning using Python + Boto3, replacing manual tasks with SSH-less workflows
- Developed CI/CD pipelines in Jenkins and GitHub Actions for secure, repeatable IaC deployment
- Containerized 15+ Python automation scripts with Docker to standardize CI/CD environments
- Configured remote state (S3 + DynamoDB) with CloudWatch logging to prevent drift across stages

QA Engineer (Cloud & API Testing)

Nordstrom Rack

Sept 2020 - Feb 2022

Columbia, SC

- Validated cloud-based APIs using Postman, improving system reliability by 15%
- Resolved distributed system sync failures, reducing infrastructure downtime by 30%
- Collaborated with cloud engineers on automated testing, increasing backend API coverage by 20%

CLOUD ENGINEERING HIGHLIGHTS

- Built Terraform pipelines with Git workflows for staging and production, reducing IaC errors by 40%
- Provisioned VPCs with subnets, routes, and security groups using Terraform, standardizing network setup
- Dockerized EC2 automation scripts, ensuring consistent results across pipeline and dev environments
- Used Git branching strategies to manage Terraform changes with gated approvals
- Set up CloudWatch dashboards to monitor infrastructure health and trigger alerts

EDUCATION

University of Maine Presque Isle

B.S. Management Information Systems — GPA: 3.8 | Magna Cum Laude (Dean's List)

Graduated: Dec 2024

SKILLS

Cloud Platforms: AWS (EC2, S3, IAM, VPC, Lambda, KMS)

IaC & Automation: Terraform, Ansible, Helm, Python (Boto3), AWS CLI

CI/CD & Version Control: GitHub Actions, Jenkins, Git, GitHub

Monitoring & Logging: CloudWatch, CloudTrail, ELK Stack

Containers & Orchestration: Docker, Kubernetes (EKS), ECR

Operating Systems & Scripting: Linux (Ubuntu), Bash