

PRIYA JAISWAL

Azure Cloud | DevOps | DevSecOps | Terraform | CI/CD

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Professional Summary

Result-oriented Azure DevOps & DevSecOps Engineer with hands-on experience in cloud infrastructure automation (Terraform), CI/CD pipeline design, and Kubernetes (AKS) orchestration. Skilled in integrating 'Shift-Left' security tools (SonarQube, TFSec, Checkov) to minimize vulnerabilities and driving system observability using Prometheus & Grafana. Passionate about building resilient, scalable, and secure cloud operations in Linux environments.

Technical Skills

Cloud Platform: Microsoft Azure

Infrastructure as Code: Terraform

CI/CD & Automation: Azure DevOps, GitHub Actions

DevSecOps & Code Quality: SonarQube, TFSec, TFLint, Checkov

Containers & Orchestration: Docker, Kubernetes (AKS)

Monitoring & Observability: Prometheus, Grafana

Scripting & OS: Bash, Python, Git, Linux (Ubuntu)

Experience

DevOps Engineer Intern

2024 – 2025

DevOps Insiders

Remote, India

- Provisioned scalable Azure infrastructure using modular Terraform scripts to ensure 100% environment consistency.
- Implemented secure remote state handling using Azure Blob Storage with state locking.
- Built automated Azure DevOps pipelines, eliminating manual deployment overhead.
- Embedded SonarQube, TFSec, and Checkov quality gates to catch vulnerabilities pre-deployment.
- Enforced strict IaC coding standards across pipelines using TFLint static analysis.
- Containerized microservices with Docker and deployed workloads onto Azure Kubernetes Service (AKS).
- Reduced Docker build times and image footprints using multi-stage builds.
- Set up Prometheus & Grafana dashboards to monitor AKS cluster health and system metrics.
- Authored custom Bash scripts to automate routine Linux server maintenance and deployments.
- Conducted root-cause analysis to resolve system and deployment issues across Linux cloud nodes.

Projects

CI/CD Pipeline with Code Quality & Security Scanning | *Azure DevOps, SonarQube, Checkov, Docker, NGINX*

- Engineered an automated Azure DevOps CI/CD pipeline for seamless application deployments.
- Integrated SonarQube for static code analysis and Checkov for automated IaC security scanning.
- Containerized web applications via Docker and deployed them using NGINX on Linux nodes.

Multi-Environment Infrastructure Automation | *Terraform, TFSec, TFLint, Azure Storage*

- Developed reusable Terraform modules to provision isolated Dev, Staging, and Production environments on Azure.
- Automated TFSec and TFLint code analysis in workflows to detect IaC misconfigurations early.
- Configured remote state management using Azure Blob Storage with state locking for secure team workflows.

Azure AKS Cluster Provisioning & Deployment | *Azure AKS, Kubernetes, Docker, YAML, Git*

- Provisioned production-ready Kubernetes clusters on Azure AKS using modular Terraform scripts.
- Authored declarative Kubernetes YAML manifests (Deployments & Services) to manage app pods efficiently.
- Configured pod resource limits, environment variables, and cluster networking workflows.

Education

Dr. A.P.J. Abdul Kalam Technical University

2022 – 2026

B.Tech in Computer Science and Engineering | CGPA: 8.43 / 10

Lucknow, Uttar Pradesh, India

Jawahar Navodaya Vidyalaya, Balrampur (CBSE)

2021

Intermediate (PCM): 84.4%

Uttar Pradesh, India