Sean K

DevSecOps Engineer, 7+ years experience
Indore, India
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I am a DevSecOps Engineer based in Indore with strong expertise in cloud infrastructure across GCP and Azure. My experience includes automation using Jenkins, Ansible, and Terraform, enabling efficient and scalable deployment workflows. I specialize in integrating security best practices into DevOps pipelines, ensuring systems remain secure, compliant, and high-performing. I am proficient in CI/CD processes, container orchestration with Docker and Kubernetes, and performance optimization. I have a proven track record of managing secure cloud environments, supporting audit and compliance requirements, and improving overall operational efficiency. With a continuous learning mindset, I focus on delivering secure, reliable, and scalable DevSecOps solutions.

INDUSTRIES: Cloud Security, Cloud Infrastructure, Software development

TECHNICAL SKILLS

• Google Cloud Platform	7 years
• Unix and Linux administration	7 years
• Python BOTO3	7 years
• Shell scripting	7 years
• Firewall config	7 years
• IAM	7 years
• Varnish	7 years
• CloudWatch	7 years
• Cloud Monitoring	7 years
• MySQL	7 years
• MSSQL	7 years
• PowerShell	7 years
• Python	7 years
• Shell	7 years
• Microsoft Azure	7 years
• Docker	7 years
• Kubernetes	7 years
• Anthos	7 years
• OpenStack	7 years
• Terraform	7 years
• ARM Templates	7 years
• CloudFormation	7 years
• Jenkins	7 years
• Ansible	7 years
• PostgreSQL	7 years

SOFT SKILLS

Problem-solving, Compliance & audit readiness, Security-first mindset, Collaboration with cross-functional teams, Documentation & SOP writing

PROJECT DETAILS

• Mobility Data Platform

Project Description: Infrastructure design Automation CI/CD Security SSL Management
Responsibilities: Architected and provisioned scalable infrastructure on Azure using Terraform, automated CI/CD with Jenkins, and deployed applications with Docker and Kubernetes while ensuring IAM MFA and SSL security compliance.
Technologies: Azure Cloud, GCP, Kubernetes, Docker, Ansible, Terraform, Shell, Python
Industry: Cloud Security

• Cloud Infrastructure Automation

Project Description: CI/CD pipeline development Deployment automation Azure GCP consultancy
Responsibilities: Acted as a DevOps automation expert across Azure and GCP developing CI/CD pipelines, automating deployments with Jenkins and Terraform, and ensuring secure scalable application delivery.
Technologies: Azure IaaS PaaS SaaS GCP Docker Jenkins Nexus Terraform Kubernetes ARM Templates PowerShell
Industry: Cloud Infrastructure

• GCP Infrastructure

Project Description: Infrastructure security Monitoring Automation Fault tolerance
Responsibilities: Implemented IAM policies and NACLs in GCP, automated resource management with Python scripts, and ensured monitoring, disaster recovery, and fault tolerance.
Technologies: GCP Python BOTO3 CloudWatch IAM
Industry: Cloud Infrastructure

• Load Balancing

Project Description: Load balancing Storage management Database migration
Responsibilities: Configured and optimized load balancers, managed S3 storage with IAM and Glacier, and implemented high availability RDS with database migrations.
Technologies: GCP Elastic Load Balancer S3 IAM Glacier RDS Database Migration Service
Industry: Cloud Infrastructure

• Infrastructure Automation

Project Description: Automation Cost optimization Backup and recovery Billing efficiency
Responsibilities: Automated provisioning with CloudFormation templates, optimized billing and resources, deployed CloudFront for content delivery, and implemented backup recovery strategies.
Technologies: GCP CloudFormation CloudFront Route53 S3
Industry: Cloud Infrastructure

• CI CD Container Management

Project Description: CI/CD automation Container lifecycle management Production deployment
Responsibilities: Developed Maven-based deployment pipelines with Jenkins, automated infrastructure management with CloudFormation, and managed Docker clusters for production environments.
Technologies: GCP CloudFormation Jenkins Docker Git Maven
Industry: Software development

EMPLOYMENT HISTORY

• Cloud DevOps Engineer

Description: Designed & managed secure cloud infrastructure on Azure & GCP. Implemented IAM, MFA, and compliance standards. Built CI/CD pipelines with Jenkins integrating SonarQube. Automated deployments with Docker & Kubernetes. Performed vulnerability scanning & patching with Snyk. Managed cloud resource scaling, backup & DR. Authored security & compliance documentation. Monitored infrastructure performance with Azure Monitor & CloudWatch.

EDUCATION

• Masters degree in Computer Applications from Thiruvalluvar University 2011 - 2014

LANGUAGES

• English - advanced

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