

Suman Kanika

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Professional Summary

DevOps & Cloud Engineer with 4 years of experience across AWS, Azure, and GCP. Skilled in CI/CD automation, Infrastructure as Code (Terraform, Bicep, Ansible), and container orchestration (Kubernetes, Docker, AKS). Proven expertise in designing secure, scalable, and automated multi-cloud environments. Strong background in monitoring (Prometheus, Grafana, Loki) and security best practices (IAM, RBAC, SSL/TLS). Adept at optimizing build pipelines, reducing manual work, and ensuring high availability in production systems.

Core Skills

- Cloud Platforms: AWS, Azure, GCP
- Source Control: Git, GitHub, Bitbucket
- CI/CD & Automation: Jenkins, Maven, Gradle
- Infrastructure as Code (IaC): Terraform, Azure Bicep, Ansible
- Containers & Orchestration: Docker, Kubernetes, AKS, NGINX Ingress
- Monitoring & Logging: Prometheus, Grafana, Loki, EFK
- Security & Access: IAM, RBAC, Microsoft Entra ID, SSL/TLS
- Scripting & Tools: Bash, Python, SonarQube, Kafka, Linux/Windows Administration

Professional Experience

DevOps & Cloud Engineer – Adcore Solutions | Project: TuneStream | Client: LogicIC (Oct 2024 – Present)

- Automated Azure infrastructure with Terraform and Bicep, enabling consistent and repeatable deployments.
- Deployed containerized workloads on AKS using Jenkins CI/CD integrated with GitHub and Gradle.
- Implemented authentication and secure access with Entra ID (Azure AD), RBAC, and Private Endpoints.
- Optimized Docker images and Jenkins pipelines, reducing build and deployment time by 25%.
- Integrated SonarQube for automated code quality checks and stored build artifacts in Azure Blob Storage.
- Configured monitoring with Prometheus and Grafana; automated setups using Ansible and Bash.
- Troubleshoot Kafka and Zookeeper clusters to maintain high availability and reduce downtime.

DevOps Engineer – Adcore Solutions | Project: LogicIC GCP IaC Project (Feb 2024 – Oct 2024)

- Designed multi-environment GCP infrastructure with Terraform, automating VPC, subnet, and VM creation.
- Established centralized Jenkins pipelines for infrastructure provisioning and configuration management.
- Built custom Docker images for Jenkins agents with Terraform, Ansible, and SDKs, streamlining CI/CD workflows.
- Developed dynamic Ansible playbooks to fetch GCP VM inventory using host tags, enabling automated deployments.

Graduate Engineer Trainee – BKFS | Project: BKFS Financial System | Client: BKFS (Oct 2021 – Feb 2024)

- Designed AWS and Kubernetes infrastructure ensuring high availability and fault tolerance.
- Built secure VPCs, NAT Gateways, and route tables with IAM-based access management.
- Automated infrastructure provisioning with Terraform reusable modules (VPCs, EC2, EBS).
- Developed Jenkins CI/CD pipelines enabling automated builds, testing, and deployments.
- Managed Jenkins nodes for distributed builds and optimized job scheduling.
- Automated provisioning and configuration management using Ansible.
- Deployed applications on Kubernetes with autoscaling, rolling updates, ConfigMaps, and Secrets.
- Enhanced observability using Prometheus, Grafana, and Loki, reducing mean time to recovery.
- Implemented IAM roles, MFA, and policies to enforce cloud security best practices.
- Collaborated with development and QA teams to optimize release management processes.

Education

Key Achievements

- Delivered end-to-end DevOps pipelines integrating Kubernetes, Jenkins, and IaC tools.
- Reduced manual configuration effort by 60% through Terraform and Ansible automation.
- Established secure and scalable multi-cloud deployments across AWS, Azure, and GCP.
- Implemented monitoring and logging solutions improving uptime by 30% and reducing incident resolution time.