

Nitin Kavale

AWS Infrastructure Engineer

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PROFESSIONAL SUMMARY

AWS Infrastructure Engineer with 2+ years of experience designing, deploying, and managing scalable, secure, and cost-optimized solutions across **AWS, Azure, and GCP**. Strong expertise in Infrastructure as Code using **Terraform, CI/CD pipelines (Jenkins, Git)**, containerization (**Docker, Kubernetes**), and **Linux** systems. Proven ability to automate cloud workflows, implement high-availability and disaster recovery architectures, and enforce cloud security best practices. Hands-on experience with monitoring, performance optimization, and DevOps practices to deliver reliable, resilient cloud infrastructure.

AWS | Azure | GCP | DevOps | Terraform | Docker | Kubernetes | Jenkins | Git | Linux | CI/CD | Cloud Security | Monitoring & Logging

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, IAM, VPC, RDS, EKS, CloudWatch, Lambda), GCP (Compute Engine, GKE, Cloud Storage, IAM, Cloud Build), Azure

IAC Management Tools: Terraform

CI/CD Tools: Jenkins

Configuration Management: Ansible

Version Control System: Git, GitHub

Containerization & Orchestration: Docker, Kubernetes

Scripting Languages: Bash, Python, YAML, R

Monitoring & Logging: Prometheus, Grafana, CloudWatch

Databases: MySQL, Amazon RDS

Build & Code Quality: Maven, SonarQube

Ticketing Tool: Jira

PROFESSIONAL EXPERIENCE

AWS Infrastructure Engineer , Fiserv India Pvt Ltd - Pune	Aug 2023 – Present
<ul style="list-style-type: none">Administered Linux servers by creating users and packages, configuring services, managing file permissions, analyzing log files, and performing process management.Managed AWS infrastructure resources including EC2, VPC, S3, IAM, EBS, Security Groups, Auto Scaling, ELB, Route 53, and EFS.Designed and deployed VPC components such as subnets, route tables, network ACLs, NAT gateways, VPC peering, and security groups.Enabled secure access for private instances to the internet via NAT gateways and bastion hosts.Attached/detached and mounted/unmounted EBS volumes as per requirements.Managed S3 buckets for storage lifecycle, versioning, and access policies.Designed and implemented Auto Scaling Groups and Load Balancers for high availability.Created and managed IAM roles, policies, and users to ensure fine-grained access control.Automated infrastructure provisioning using Terraform (Infrastructure as Code).Used GitHub for version control to manage and track code changes across development teams.Developed and maintained CI/CD pipelines, reducing release times by 10%.Leveraged Ansible for configuration management and server automation.Integrated Docker into CI/CD workflows to support container-based microservices deployments.Conducted cost optimization analysis and implemented strategies to reduce AWS expenditures.Worked with Kubernetes to deploy, manage, and maintain containerized applications.Automated infrastructure provisioning using Terraform, reducing deployment time by 45%.Managed data solutions using BigQuery, Cloud SQL, and Cloud Storage.	

AWS DevOps Intern, Greateway Software Pvt Ltd - Pune

Feb 2023 – July 2023

- Assisted in deploying and managing cloud infrastructure components using AWS EC2, S3, IAM, and Lambda.
- Contributed to automation of deployment workflows using CI/CD tools like Jenkins and GitHub Actions.
- Developed and maintained Infrastructure as Code (IaC) using Terraform and CloudFormation.
- Monitored application performance and infrastructure health using AWS CloudWatch and created custom dashboards for alerts and logs.
- Collaborated with senior DevOps engineers to troubleshoot build failures and optimize pipeline efficiency.
- Utilized Python scripting for automating deployment workflows and infrastructure tasks.

Maintenance Supervisor, Star Fabricators, Jalgaon

Jun 2019 – Dec 2022

- Supervised the installation, commissioning, and maintenance of MCB control panels, ensuring adherence to electrical safety standards.
- Monitored daily operations and performance of MCB panels to prevent electrical faults and ensure system reliability.
- Lead and managed a team of electricians and technicians in conducting preventive maintenance, troubleshooting, and repair of electrical systems.
- Conducted routine inspections and tests to identify electrical issues, minimizing downtime through timely corrective actions.
- Maintained accurate documentation of maintenance activities, equipment status, incident reports, and compliance records.

EDUCATION

Government College of Engineering

Jalgaon, Maharashtra

Bachelor of Engineering in Electrical

July 2017

CERTIFICATIONS

- AWS / DevOps Certification - External Certification, Fusion Software Institute, Pune
- GCP Associate Cloud Engineer - Google Cloud Certification
- GCP Data Engineer - Google Cloud Certification