

PAWAN KUMAR

DevOps Engineer | Kubernetes | AWS | Terraform | CI/CD | GitOps | 3+ Years Experience

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PROFESSIONAL SUMMARY

DevOps Engineer with 3+ years of experience in cloud infrastructure automation, Kubernetes orchestration, and CI/CD engineering. Hands-on experience supporting production environments for enterprise clients, working with AWS, Azure, Infrastructure as Code (Terraform), GitOps (ArgoCD, Jenkins), containerization (Docker, Kubernetes), and monitoring (Prometheus, Grafana). Developing strong foundations in security hardening, incident response, and deployment automation.

TECHNICAL SKILLS

Cloud: AWS (EC2, S3, VPC, Lambda, EKS, RDS, DynamoDB, CloudFormation, IAM, Route53, Auto Scaling, ELB/ALB, CloudWatch, SNS, SQS, ElastiCache), Azure (VMs, AKS, Blob Storage, DevOps, ARM Templates)

Kubernetes: Cluster Management, RBAC, Network Policies, Ingress, StatefulSets, DaemonSets, HPA, PV/PVC, Pod Security

Containers: Docker (multi-stage builds, optimization), Helm (Charts, templating), Container Registry

CI/CD: Jenkins (Declarative and Scripted pipelines, Shared libraries), ArgoCD (GitOps, Autosync), GitHub Actions

IaC: Terraform (Modules, State management, Workspaces, S3/DynamoDB backend), Ansible (Playbooks, Roles, Vault)

Monitoring: Prometheus (PromQL, Alerting), Grafana (Dashboards), ELK Stack, CloudWatch, AlertManager

Security: SonarQube, Trivy, OWASP, Container scanning, Vulnerability management

Tools: Git, JFrog Artifactory, Maven, npm, Nginx, Linux (RHEL, Ubuntu), Bash, Python, PowerShell, YAML

PROFESSIONAL EXPERIENCE

DevOps Engineer (Client: Yotta Data Services Pvt. Ltd.), Noida

I4S Infra Security & Solutions Pvt. Ltd.

June 2024 - Present

- Implemented CI/CD pipelines using Jenkins and ArgoCD across 8+ microservices in dev, qa, and prod environments, reducing manual deployment steps
- Managed Kubernetes clusters on AWS EKS, configuring RBAC, network policies, and pod security for 10+ pods
- Automated AWS infrastructure (EC2, VPC, RDS, S3) using Terraform, maintaining 6+ reusable modules for environment provisioning
- Configured Ansible playbooks for configuration management across 15+ servers, reducing repetitive manual tasks
- Optimized Docker images through multi-stage builds, reducing image size and improving deployment speed

- Deployed and maintained Prometheus and Grafana dashboards tracking 20+ infrastructure and application metrics
- Integrated SonarQube and Trivy scanning into CI pipelines as part of the security review process
- Resolved production incidents through Linux troubleshooting and log analysis, contributing to root-cause resolution

Cloud Engineer Intern, Noida

Dreamstel Technologies Pvt. Ltd.

Dec 2023 - May 2024

- Deployed and managed AWS resources (EC2, S3, IAM, VPC) for internal and client projects
- Monitored cloud operations including provisioning, CloudWatch monitoring, backups, and cost optimization tasks
- Performed Linux administration and security hardening on 10+ EC2 instances under mentorship
- Gained hands-on exposure to CI/CD tooling, Docker, and infrastructure automation through onboarding projects

PROJECTS

Multi-Environment Kubernetes Platform with GitOps — *Kubernetes, Helm, ArgoCD, Terraform, AWS EKS*

- Built a GitOps-based deployment platform for microservices across dev, qa, and prod using ArgoCD
- Developed Helm charts with environment-specific values for consistent, repeatable deployments

Enterprise Monitoring Stack — *Prometheus, Grafana, Alert Manager, ELK Stack*

- Deployed a monitoring stack with custom Grafana dashboards for SLI/SLO tracking
- Configured Alert Manager integrations with Slack for incident notifications

Infrastructure as Code Pipeline — *Terraform, AWS, Jenkins, Git*

- Built reusable Terraform modules (VPC, Security Groups, EC2) for a practice/learning project
- Implemented remote state management with S3 backend and workspace-based environment separation

GitHub: github.com/Mrpawangupta/Technical-Assignment

CERTIFICATIONS AND TRAINING

- AWS and Azure Cloud Certification — CETPA Infotech Pvt. Ltd. — Sep 2023 - Dec 2023
- DevOps Architect Certification — Skillfyme — Dec 2023 - May 2024
- Advanced Diploma in Computer Application — Computer Training Institute — 2021 - 2022

ACHIEVEMENTS

- Contributed to CI/CD automation efforts that reduced manual deployment steps
- Supported production monitoring initiatives that improved incident detection time
- Assisted in container optimization work, lowering storage and deployment overhead
- Participated in vulnerability scanning integration, strengthening the CI pipeline

EDUCATION

Bachelor of Computer Application (BCA)

GLA University