

GAUTAM DEV

DevOps Engineer | CKA Certified | 4+ Years Experience

gautamdevgrover@gmail.com | github.com/gautamdevgrover | linkedin.com/in/gautam-dev-094b1a26a | www.gautamdevgrover.online

PROFESSIONAL SUMMARY

CKA-certified IT professional (89%) with 4+ years in IT infrastructure, including 2+ years focused on DevOps practices. Experienced in Linux system administration with strong, hands-on knowledge of DevOps tools including Docker, Jenkins, Kubernetes and Ansible. Skilled in automating manual processes, supporting development environments, and working with containerized applications. Solid understanding of Kubernetes — including application deployment, pod management, and cluster-level concepts — along with working knowledge of AWS services. Adept at troubleshooting, environment setup, and improving operational efficiency through automation and DevOps practices. Supplemented with hands-on CI/CD and GitOps project experience using Jenkins, ArgoCD, and Kubernetes, demonstrated through open-source projects on GitHub.

TECHNICAL SKILLS

CI/CD and DevOps: Jenkins, Docker, Kubernetes, Helm, ArgoCD, Ansible

Cloud and Storage: AWS Resources (EC2, S3, EBS, EKS, VPC, IAM), NAS, Snapshot Management, Backup Automation

Monitoring: Prometheus, Grafana (alerting, dashboards, stack deployment)

Operating Systems: Linux (Ubuntu, CentOS) - administration, performance tuning, upgrades

Networking: SSH, VPN, DNS, DHCP, pfSense Firewall, PXE Boot

Databases: MySQL, PostgreSQL, MongoDB, Kafka, Elasticsearch

Scripting and Tools: Bash, Git, GitHub, Docker Compose

PROFESSIONAL EXPERIENCE

System Administrator (DevOps-Oriented) | Unthinkable Solutions

Jun 2023 - Jan 2026

- Automated end-to-end software provisioning using Ansible, significantly reducing manual deployment effort
- Designed and implemented PXE-based automated OS deployment system, reducing provisioning time by 90%
- Built and maintained containerized environments using Docker and Docker Compose for development teams across multiple projects
- Deployed and managed services including MySQL, PostgreSQL, Kafka, and Elasticsearch in containerized environments for development and testing workloads
- Implemented full monitoring stack using Prometheus and Grafana with alerting for proactive incident detection
- Managed Linux servers (Ubuntu, CentOS) including performance tuning, upgrades, and OS-level troubleshooting
- Provisioned and maintained virtual machines; managed remote access, SSH hardening, and VPN via pfSense
- Automated backup operations and S3 snapshot storage on AWS; conducted NAS audits and storage optimization

Associate Consultant - Infrastructure | Oodles Technologies

Sep 2021 - Feb 2023

- Deployed and managed Prometheus and Grafana monitoring stack using Docker for real-time infrastructure visibility
- Administered Linux developer environments, runtime tooling, and database configurations across teams
- Configured pfSense firewall, VPN access, and network segmentation for secure multi-team environments
- Performed OS provisioning, environment setup, and system troubleshooting to maintain high uptime
- Installed and configured Docker, databases (MySQL, PostgreSQL), and development dependencies

KEY PROJECTS

CI/CD Pipeline - Jenkins + Docker + Kubernetes

GitHub: github.com/gautamdevgrover/end-to-end-cicd-jenkins-docker-k8s

- Built end-to-end automated deployment pipeline integrating Jenkins, Docker builds, and Kubernetes orchestration
- Implemented health checks, rollback strategies, and Helm-based deployment automation for reliable releases

GitOps Pipeline - Jenkins + ArgoCD + Kubernetes

GitHub: github.com/gautamdevgrover/gitops-flask-app | github.com/gautamdevgrover/gitops-flask-app-manifests

- Designed Git-driven continuous delivery workflow using ArgoCD for declarative, auditable deployments
- Automated Helm-based Kubernetes deployments with full traceability via Git-based manifest management

CERTIFICATION

Certified Kubernetes Administrator (CKA) - *Linux Foundation* | *Score: 89%*

KEY ACHIEVEMENTS

- Reduced OS provisioning time by 90% by designing and deploying a PXE-based automated deployment system
- Implemented GitOps-based CI/CD workflows enabling automated, traceable Kubernetes deployments
- Built centralized monitoring platform using Prometheus and Grafana with custom alerting across two organizations
- Streamlined Ansible-based configuration management, eliminating manual software installation at scale