

Govind Kumar

DevOps Engineer | Cloud Solutions Specialist

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PROFESSIONAL SUMMARY

Strategic and solutions-focused **DevOps Engineer** with over 11+ years of hands-on experience in implementing and managing robust infrastructure solutions. Expertise in **AWS, Kubernetes, Terraform**, and **Docker** to streamline cloud operations, enhance CI/CD pipelines and improve application reliability. Proven ability to optimise workflows, reduce deployment times by 40%, and achieve high availability through innovative automation techniques. Recognised for a consistent track record of delivering results-driven projects and achieving 99.9% uptime in high-demand environments.

PROFESSIONAL EXPERIENCE

Technology Lead

Infogain

Dec 2023 – Present

- Engineered scalable and secure **AWS infrastructure** using **Terraform**, optimizing cloud resource usage.
- Automated CI/CD workflows through **GitLab** and **Jenkins**, achieving a 40% reduction in development cycles.
- Enhanced Kubernetes efficiency via **EKS Autoscaler** and **Karpenter**, ensuring seamless application scaling.
- Deployed GitOps workflows using **ArgoCD**, improving deployment accuracy and speed.
- Orchestrated containerized application releases with **Docker** and **Helm**, reducing downtime significantly.

Key Projects:

- ThreadFix Project:** Developed scalable and secure infrastructure on AWS using Terraform. Automated deployment pipelines for scanning Terraform code and integrating CI/CD workflows. Leveraged Kubernetes Autoscaler and Karpenter for seamless application scaling.

PERSONALITY

- Driven:** Motivated by challenges, delivering high-quality solutions in time-critical situations.
- Collaborative:** Works effectively with cross-functional teams and fosters inclusive working environments.
- Innovative:** Passionate about continuous learning and applying cutting-edge technologies to solve problems.
- Detail-Oriented:** Focused on accuracy and precision in system implementations and troubleshooting.

SKILL

Primary Skills

Cloud Platforms: AWS (EKS, EC2, S3, Lambda)

Infrastructure as Code: Terraform, CloudFormation

CI/CD Pipelines: Jenkins, GitLab Runner, ArgoCD, Ansible

Container Orchestration: Docker, Kubernetes, Helm, Docker Swarm

Programming & Automation: Python, Bash, YAML, HCL

Secondary Skills

Monitoring Tools: ELK Stack, Nagios, NewRelic

Version Control: Git, GitHub, GitLab

Collaboration Tools: Jira, SonarQube, Snyk

VoIP Tools: Asterisk, FreeSWITCH, SIP, Dadhi, LibPRI

Senior System Admin (DevOps Engineer)

Infinity Labs Ltd.

Mar 2022 – Dec 2023

- Spearheaded highly available **AWS environments** leveraging **Terraform**, resulting in 99.9% SLA adherence.
- Managed **Docker Swarm** clusters for telecom applications, ensuring 24/7 reliability.
- Automated deployment and configuration tasks with **Ansible**, reducing manual intervention by 50%.
- Revamped workflows for BT (UK), minimizing system downtime by 35% and enhancing user experience.

Key Projects:

- **InfiWorks, InfiTip**: Implemented infrastructure automation using OpenStack and Docker Swarm. Built CI pipelines integrating Jenkins with GitHub for code analysis and automated application deployment.
- **Secware, InfiWall**: Designed highly available automation workflows, leveraging Docker Swarm to improve performance and achieve a 35% reduction in application downtime.

Senior System Engineer (DevOps)

Buzzworks Business Services Pvt. Ltd.

Sep 2015 – Mar 2022

- Pioneered **infrastructure automation** with **Terraform** and **Jenkins**, accelerating deployment processes.
- Designed and implemented robust **VOIP systems**, improving call reliability by 30%.
- Led a team of 10+ engineers to adopt DevOps practices, elevating project delivery efficiency.

Key Projects:

- **FlexyDial**: Developed infrastructure on AWS using Terraform. Automated back-end processes for VOIP solutions with Bash scripting and Docker applications for seamless deployments.
- **FlexyLite**: Enhanced customer communication systems by integrating VOIP applications using Freeswitch and managing infrastructure with Terraform and Ansible.

AWARDS

- **Spot Award**, Infogain, 2024: Recognized for implementing innovative IaC solutions.
- **Star of the Month**, Infogain, 2024: Acknowledged for impactful contributions to DevOps practices.
- **Spot Award**, Infinity Labs, 2022: For excellence in automating workflows and solutions.
- **Star Performer**, Infinity Labs, 2022: Delivered complex solutions ahead of schedule.

CERTIFICATIONS

- Docker & Kubernetes: The Complete Guide (Udemy)
- Linux: Bash Shell and Scripts (LinkedIn Learning)
- Programming Foundations: Databases (LinkedIn Learning)
- Red Hat Certified Engineer (JETKING)

KEY STRENGTHS

- Proficient in delivering scalable, cost-effective cloud infrastructures.
- Strong communicator adept at aligning technical solutions with business goals.
- Expert in driving automation for operational efficiency and reliability.

Executive Customer Support

Unicom Infotel Pvt. Ltd.

Apr 2013 – Dec 2014

- Monitored and maintained critical systems using **Nagios**, ensuring uninterrupted service.
- Automated routine operational tasks, improving team productivity by 20%.

Key Projects:

- **Hungama Digital Media Entertainment Private Limited:** Developed infrastructure on Linux. Automated back-end processes for solutions with Bash scripting and applications for seamless deployments.

EDUCATION

- **MCA, Computer Science | Vinayaka Mission University, Sikkim**
Aug 2014 – Jul 2017
- **BCA, Computer Science | Calorx Teachers' University, Ahmedabad**
Jul 2010 – Jun 2013

