

GURURAJ RATHOD

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♦ PROFESSIONAL SUMMARY

DevOps and Cloud Engineer with **8+ years of total IT experience**, including **3 years of hands-on DevOps experience**. Proven ability to build scalable infrastructure, automate deployments, and manage cloud-native applications using AWS, Docker, Kubernetes, Terraform, and CI/CD pipelines. Adept at improving deployment efficiency, reliability, and observability for fast-paced development teams. Skills as below:

Category	Tools & Technologies
Cloud	AWS (EC2, S3, VPC, IAM, RDS, EKS)
Containers	Docker, Kubernetes (EKS), Helm
CI/CD	Jenkins, GitHub Actions, SonarQube
IaC & Config	Terraform, Ansible
Monitoring	Prometheus, Grafana, Alertmanager, CloudWatch
Scripting	Bash
Source Control	Git, GitHub
OS & Servers	Linux (RedHat, Ubuntu), Windows Server

PROFESSIONAL EXPERIENCE:

Working as a DevOps Engineer in Techcamgateway – Bangalore (From 4th August 2022 to Present)

DevOps Engineer (3 years)

- Designed CI/CD pipelines using Jenkins and GitHub Actions to automate builds, testing, and deployment.
- Managed containerized microservices using Docker and deployed on Kubernetes clusters (EKS, OpenShift).
- Created reusable Terraform modules to provision VPCs, EC2, IAM, and S3 buckets across multiple environments.
- Wrote Helm charts for microservices and handled release promotion between dev, staging, and production.
- Integrated monitoring and alerting via Prometheus, Grafana, and Alertmanager with Slack notifications.
- Developed autoscaling policies and deployment strategies (blue-green, rolling updates).
- Collaborated with cross-functional teams to implement DevSecOps practices (SonarQube, Trivy).
- Conducted internal DevOps training on GitOps workflows, Helm, Terraform, and CI/CD pipelines.
- Managed infrastructure cost optimization by analyzing resource utilization and rightsizing workloads.
- Acted as the SME for troubleshooting infra issues in production and improving reliability.

PROJECTS (OBMR) Techcamgateway – DevOps Project

- Built a CI/CD pipeline for microservices using Jenkins and GitHub Actions.
- Containerized services using Docker and deployed to Kubernetes (EKS/OpenShift).
- Wrote Helm charts for managing deployments and rollback strategies.
- Provisioned infrastructure using Terraform modules (VPC, EC2, RDS, IAM, EBS).
- Implemented monitoring and alerting with Prometheus, Grafana, and Alertmanager.
- Enabled autoscaling and readiness probes to support high-traffic usage.
- Enforced code quality checks using SonarQube integrated into CI workflow.
- Conducted dry runs and production deployments with zero downtime.
- Led documentation and handover for support and maintenance teams.

Working as a AWS Cloud Engineer in Techcamgateway – Bangalore (From 3rd August 2020 to 3rd August 2022.)

AWS Cloud Engineer (2 years)

- Provisioned AWS infrastructure using Terraform and CloudFormation (EC2, S3, RDS, IAM, ALB, VPC).
- Automated backup policies for EC2 and RDS using Lambda and EventBridge.
- Built secure VPC networks with public/private subnets, NAT gateways, and security groups.
- Created IAM roles with least-privilege policies and managed access using AWS Config and CloudTrail.

- Set up CloudWatch alarms and dashboards for system performance and budget tracking.
- Migrated legacy applications to AWS with minimal downtime, improving reliability and scaling.
- Implemented SSL/TLS certificates via ACM and integrated with ALBs and custom domains.
- Managed AMIs and golden images using Packer and shell automation scripts.
- Enabled Auto Scaling for production workloads and configured health checks.
- Integrated infrastructure deployments into CI pipelines for seamless dev → prod workflow.

AWS Monitoring & Alerting Framework Internal Infrastructure Project – Techcamgateway

- Designed a central monitoring stack using Prometheus, Node Exporter, and Grafana.
- Set up custom dashboards for EC2, EBS, RDS, and VPC metrics.
- Configured CloudWatch alarms and integrated Slack alerting via Lambda and SNS.
- Pushed custom metrics from cron jobs to Pushgateway for visibility of one-time tasks.
- Wrote Python and Bash scripts to export AWS cost metrics into Prometheus format.
- Ensured high availability of monitoring stack with backups and redundancy.
- Automated the agent deployment with Ansible and userdata scripts.
- Improved issue response time by 50% through actionable alerts.

Working as a Cloud Support Engineer, Deluxe Entertainment Pvt, Ltd India, Bengaluru (30th April 2019- 1st July 2020)

- Supported AWS production workloads (EC2, S3, RDS, IAM) in a 24x7 environment.
- Configured alerts using CloudWatch and automated responses using Lambda.
- Used Ansible for server provisioning, updates, and patching across multiple environments.
- Created shell scripts to automate S3 syncs, EC2 backups, and log analysis workflows.
- Resolved infrastructure tickets, participated in on-call support rotations, and led RCAs.
- Assisted security audits by configuring IAM logs and retention policies.
- Documented runbooks and standard operating procedures (SOPs).
- Collaborated with engineering teams to ensure SLAs and uptime goals.
- Handled DNS management and SSL integration for public-facing apps.
- Actively monitored infrastructure and responded to scaling issues during peak loads.

Working as a Linux Administrator, You Broadband Pvt Ltd India, Mumbai (22nd Feb 2016 – 16th August 2018)

- Maintained Linux servers (RedHat, Ubuntu), user access, file systems, and backup schedules.
- Configured FTP, DNS, DHCP, and SSH services with proper security hardening.
- Set up RAID, LVM, and managed disk/storage configurations.
- Automated admin tasks using Bash scripts and scheduled via cron jobs.
- Managed system patching, package upgrades, and kernel tuning.
- Troubleshoot network connectivity, routing, and firewall issues.
- Monitored server performance and disk usage to prevent downtime.
- Set up centralized logging using rsyslog and logrotate.
- Conducted system audits and supported PCI and ISO compliance.
- Participated in server migrations and on-site hardware installation.

◇ EDUCATION

- BE - Electronics and Communication Engineering, VTU Belgaum University, Passing year - July - 2015
- Diploma, Electronics and Communication Engineering DTE Bangalore, Passing year June - 2010

LANGUAGES: English, Hindi, Kannada, Marathi, Lambani

Declaration: I hereby declare that the above information is true and correct to the best of my knowledge.

Gururaj Rathod Date: 08-07-2025