

Jatin Reddy

Junior Cloud & DevOps Engineer

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SUMMARY

Cloud DevOps Engineer with 1+ years of relevant experience across 2 companies, running CI/CD pipelines, and managing Kubernetes clusters on both AWS EKS and a hand-rolled kubeadm setup. Comfortable in Azure and Linux day to day, I picked up most of my deeper AWS and IaC skills through industry EKS projects on the side. Always having interest in new technology that is developing to improve this world.

TECHNICAL SKILLS

Cloud: AWS (EC2, VPC, EKS, ECS, ECR, ALB, IAM, CloudWatch, ECR, Secrets Manager), Azure, GCP

Containers & Orchestration: Docker, Kubernetes, Helm, OpenShift

CI/CD: Jenkins, GitHub Actions, Azure DevOps, Code Pipeline

Infrastructure as Code / Config Management: Terraform, Ansible, Python, Bash Scripting

Monitoring & Observability: Prometheus, Grafana, CloudWatch, Node Exporter, Hangfire

Systems: Linux (RHEL) and others, Windows Server, hybrid cloud/on-premise administration, Git, REST APIs, Django, Flask, SQL

PROFESSIONAL EXPERIENCE

1. DevOps Junior, Brandsmashers Tech LLP

July 2026 – Present

Bhopal, India

Tech Stack: Azure, Azure DevOps, AWS EKS, Kubernetes (kubeadm), Docker, Prometheus, Grafana, Hangfire, REST APIs

Project: Assist Automated the release process for their application of client (Panasonic) and now help run and monitor Kubernetes clusters — one on AWS EKS of full stack application in hybrid architecture. Plus monitoring and data-transfer support for clients like Deloitte and ZMJ.

Responsibilities:

- Built and maintained the Azure DevOps CI/CD pipeline that replaced manual deployments for the Panasonic account, cut manual effort in a release from around 90% down to about 10%.
- Handle day-to-day work on both clusters, a custom ECS with ECR cluster setup (built with kubectl), things like node joins, upgrades, and fixing pods stuck in CrashLoopBackOff.
- Set up Prometheus and Grafana on both clusters to watch pod health and resource use, so problems get caught before they hit a client.
- Watch background jobs, SMTP notifications, data syncs, scheduled extracts through Hangfire dashboards.
- Tested data migration performance for a Python/Django application benchmarked local-to-cloud transfer time using Docker and MySQL container images to validate migration tooling before rollout.

2. System Administrator Intern, ITE Infotech Pvt. Ltd.

Dec 2025 – Jun 2026

Bhopal, India

Tech Stack: RHEL Linux, Ansible, Prometheus, Grafana

Project: Took over patching and monitoring for a cluster of 20+ RHEL servers and turned a manual weekly process into something scripted and mostly hands-off.

Responsibilities:

- Administered 20+ RHEL servers, patching, security hardening, and basic performance tuning, under supervision.
- Wrote Ansible playbooks that took the weekly patch cycle from about 4 hours by hand down to under 5 minutes.
- Set up Prometheus and Grafana to track CPU, memory, and disk usage, with alerts tuned to fire before something actually broke.
- Traced a few recurring service outages back to root cause and tightened the monitoring rules afterward, which brought recovery time down noticeably.

PROJECT

Containerized App Deployment on AWS EKS - Project Link

- Provisioned the environment with Terraform, VPC with public private subnets, EC2 node groups, a custom Kubernetes cluster, an ALB and more AWS services for monitoring the system, instead of clicking through the AWS console; setup went from roughly 2 hours manually to about 5 minutes with a single terraform apply.
- Wrote a multi-stage Dockerfile to keep the app image small, then built a Jenkins pipeline that builds the image, pushes it to ECR.
- Configured Kubernetes Deployments with resource requests/limits, liveness and readiness probes, and horizontal pod autoscaling, so the app handles traffic spikes without manual scaling.
- Set up Prometheus and Grafana (via Node Exporter) for cluster and app metrics, plus CloudWatch alarms for the AWS side, and used IAM roles and Secrets Manager instead of hardcoding credentials.

More projects click on: github.com/Jatin804

CERTIFICATIONS

AWS Solutions Architect – Associate (Udemy, 2026) | Red Hat System Architecture (Red Hat, 2025) | Google Generative AI (Google, 2025)

EDUCATION

B.Tech, Computer Science and Engineering

Sagar Institute of Research and Technology (SAGE Groups)— 2026

VOLUNTEERING

- Web design and development volunteer, represented the college in inter-college NGO project competitions.