

# Rohit Patil

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## PROFILE

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Experienced **Cloud DevOps Engineer** with over **4+ years of hands-on experience** in designing and implementing **CI/CD pipelines, container orchestration with Docker and Kubernetes, and cloud infrastructure automation** using Terraform and Infrastructure as Code (IaC) principles. Skilled in managing scalable environments on AWS (including **EC2, S3, VPC, and RDS**), monitoring performance with Prometheus and Grafana, and maintaining high-availability **Linux-based systems**.

## SKILLS

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**Cloud Providers:** Amazon Web Services (AWS) & Azure

**Containerization Tools ::** Docker, Kubernetes

**CI/CD ::** Jenkins

**Repository management ::** GitHub

**Monitoring & Ticketing Tools ::** Service Now, Remedy , Jira , Nagios, Grafana and Prometheus

**AWS Services ::** EC2, S3, VPC, IAM , EFS, ELB, EKS, Cloud watch, RDS, AWS backup.

**Infrastructure as Code::** Terraform

**Scripting:** Shell scripting

## PROFESSIONAL EXPERIENCE

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**DELL EMC, Devops Engineer**

07/2021 – present | Bengaluru, India

### Job Responsibilities:

- Engineered Infrastructure as Code (IaaC) solutions with Terraform and reducing setup time by 40 hours per project.
- Led the containerization of applications using Docker and supervised Kubernetes clusters.
- Deployed and managed CI/CD pipelines using Jenkins, automating the deployments which helped in improved release speed and reduced manual intervention.
- Led DevOps pipeline automation, integrating code quality, security scans, and automated rollbacks.
- Deployed and automated AWS cloud-based production systems.
- Ensured security best practices using **IAM**, data encryption, and network security.
- Actively worked, managed and improved various AWS services like **EC2,S3,VPC,Cloud front ,IAM , Cloud Watch, Cloud Trail, RDS** including **AWS Backup, Load Balancer and Auto Scaling**.
- Onboarded applications to Kubernetes platforms and monitored deployments.
- Reduced alert investigation time by 40% by developing and maintaining real-time system health dashboards with Prometheus and Grafana, leading to faster issue resolution and improved uptime.
- Creating and Structuring alarms in CloudWatch service for monitoring the server's performances, CPU utilization, disk usage etc. to take recommended action for better performance.
- Good Experiences in AWS backup service ( Backup and Restoration ).

**Dell EMC, Associate specialist**

09/2016 – 07/2021 | Bengaluru, India

- Designed and deployed secure VPC architectures in AWS using private and public subnets, Implemented security groups to control inbound and outbound traffic.
- Automated infrastructure provisioning and configuration using Terraform, reducing deployment time by 60% and minimizing manual errors.
- Built and maintained IaC with Terraform across multiple AWS accounts.
- Supported infrastructure lifecycle from provisioning to decommissioning on AWS and hybrid environments.
- Worked on network setup, security group management, and troubleshooting access/performance issues.
- Conducted cost optimization and usage audits on AWS accounts.
- Configured CloudWatch dashboards and alarms, monitoring key metrics (CPU, memory, disk, network, latency, and cost usage) and triggering incident alerts for proactive issue resolution
- Developed and maintained disaster recovery plans, performing periodic backup and restore simulations to ensure data resilience.
- Managed on prem EMC SAN and NAS storage( Isilon, VMAX, Unity)

**CERTIFICATES**

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- EMC Certified Associate in Information and Storage Management (ISM V3)
- Azure Fundamentals (AZ-900)
- VMware vSphere Foundations
- ITIL V3 Foundation Certified

**EDUCATION**

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**Jain University,**

Bengaluru, India

*Bachelor of Engineering in Computer Science and Engineering*