

# Yogita Sharma

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## Education

Geetanjali Institute of Technical Studies, Bachelor of Technology in Computer Science Engineering, 2019–2023, Rajasthan

## Professional Summary

DevOps Engineer with 2+ years of experience in cloud-native technologies, automation, and CI/CD pipelines. Skilled in deploying and managing scalable infrastructure on AWS, containerizing applications with Docker and Kubernetes, and implementing Infrastructure as Code using Terraform. Proven expertise in reducing deployment time, increasing system reliability, and fostering a culture of automation across teams.

## Technical Skills

**Cloud Platforms:** AWS (EC2, S3, EKS, ECS, RDS, VPC, IAM), GCP, DigitalOcean.

**Languages:** Shell Scripting

**Infrastructure as Code:** Terraform

**CI/CD Tools:** Gitlab, Jenkins, ArgoCD

**Containerization:** Docker, Kubernetes

**Version Control:** Git (Github, Gitlab)

**Monitoring & Logging:** CloudWatch, Prometheus, Grafana

**Secrets Management Tools:** Vault

**Operating Systems:** Linux, Windows, macOS

## Professional Experience

DevOps Engineer, Skillmine Technologies Pvt Ltd (June 2023 – Present, Bangalore, Karnataka)

- Designed and implemented Terraform modules to provision AWS services like EC2, RDS, VPC, and EKS.
- Deployed a highly available web application on AWS using EC2 (private subnet) across multiple AZs with Auto Scaling, NAT Gateway, and ALB for load balancing. Configured VPC networking for secure access and ensured scalability and fault tolerance.
- Implemented AWS Global Accelerator for disaster recovery (DR) setup to ensure high availability and low-latency traffic routing across multiple regions.
- Led Cloud and Database migrations, ensuring minimal downtime and seamless integration.
- Integrated vault with existing pipelines, automating secret retrieval processes and saving the development team approximately 10 hours per week previously spent on manual credential management.
- Implemented security scanning (Snyk, Trivy) in Bitbucket and GitLab to reduce container image and code vulnerabilities.
- Maintained Kubernetes clusters, configured VPN access, and enforced infrastructure security best practices.

- Developed robust CI/CD pipelines with gitlab to support microservices deployment.
- Developed and optimized Docker images and reduced pipeline time.
- Resolved Kubernetes issues such as PodFailing, ImagePullError, containerstatusunknown and improving uptime by 25.
- Orchestrated the implementation of Horizontal Pod Autoscaler (HPA) to enhance application scalability, increasing processing capacity from 50 requests per second to over 200 requests during peak load.
- Integrated automated email notifications within pipelines reduce manual communication time and improve response efficiency.
- Set up Prometheus, Grafana, and Loki for monitoring, logging, and real-time alerting.

#### **Jr. DevOps Engineer, Webelight Solutions Pvt Ltd (January 2023 – April 2023, Ahemdabad, Gujarat)**

- Configured and deployed SuiteCRM on EC2 with domain and SSL; set up monitoring with Grafana, Prometheus, and InfluxDB.
- Implemented CI/CD pipelines for Node.js and React applications on EC2; automated infrastructure with Terraform for EC2, RDS, VPCs, and Elastic Cache.
- Enhanced security using VPC, bastion host, and analyzed logs with ELK; automated alerts with Nagios and Grafana.
- Deployed applications using Docker Compose for WordPress and MySQL containers; built and pushed Docker images to GitLab registry.

#### **DevOps Intern, Yobny Tech (November 2022 – January 2023, Bangalore, Karnataka)**

- Worked on a Cloud Migration project and helped move SaaS applications hosted on AWS to Azure.
- Setting up the custom domain on the Azure cloud.
- Setup the reverse proxy and forward proxy for nginx.

#### **DevOps Trainee, Shree Cement Pvt Ltd (July 2022 – October 2022, Beawar, Rajasthan)**

- Worked on a Cloud Migration project and helped move SaaS applications hosted on AWS to Azure.
- Setting up the custom domain on the Azure cloud.
- Setup the reverse proxy and forward proxy for nginx.

#### **Cloud DevOps Intern, Lakebrains Technologies (April 2022 – May 2022, Udaipur, Rajasthan)**

- Gained expertise in AWS services like EC2, S3, SNS, SQS, CloudWatch, Auto Scaling, IAM, and RDS for scalable computing, monitoring, and secure access management.
- Hosted a static website on AWS using S3 for reliable, scalable storage with high availability and durability.
- Deployed a web application with EC2 for backend services and AWS Amplify for seamless frontend hosting and deployment

#### **Certifications**

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Silver Badge – NPTEL (IIT) Cloud Computing

Elite Badge – NPTEL (IIT) C++ Programming

Elite Badge in NPTEL(IIT) - soft skills