Yogita Sharma

DevOps & Cloud Engineer









WORK EXPERIENCE

SKILLMINE TECHNOLOGY PVT. LTD. | DEVOPS DEVELOPER

June 2023 - Present | 1.9 Year | Bangalore, Karnataka

- → Responsible for DevOps functions, including CI/CD operations, custom Docker images, automated deployments, GitOps, innovation, and database backups.
- → Worked with EC2, VPC, RDS, S3, Load Balancers, EKS, Lambda, Route 53, Security Groups, NACL, IAM, CloudWatch, SNS, SQS, and Auto Scaling to build secure and scalable cloud solutions.
- → Wrote **Terraform** scripts to automate AWS infrastructure provisioning and deployed EKS clusters using CloudFormation templates.
- → 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.
- → Set up **Prometheus**, **Grafana**, and Loki for monitoring, logging, and real-time alerting.
- → Integrated automated email notifications within pipelines reduce manual communication time and improve response efficiency.
- → 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
- → Designed and maintained CI/CD pipelines (**Jenkins**, GitLab, **ArgoCD**) with automated testing, security scanning, and GitOps practices.
- → Conducted structured routine Kubernetes cluster checks and managed VPN access for secure connectivity.
- → Led **Cloud and Database migrations**, ensuring minimal downtime and seamless integration.
- → Implemented security scanning (Snyk, Trivy) in Bitbucket and GitLab to reduce container image and code vulnerabilities.
- → Integrated SonarQube into pipelines for automated code quality and security analysis.
- → 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.
- → Maintained Kubernetes clusters, configured VPN access, and enforced infrastructure security best practices.
- → Developed and optimized Docker images and reduced pipeline time. Also managed AWS Kubernetes (EKS) clusters.
- → Initiated creating and maintaining Standard Operating Procedures (SOPs), ensuring consistency and knowledge sharing among the team.

WEBELIGHT SOLUTIONS PVT. LTD. | DEVOPS ENGINEER

January 2023 - April 2023 | 4 Months | Ahmedabad, Gujrat

- → 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.

YOBNY TECH | DEVOPS INTERN

November 2022 - January 2023 | 3 Months | Bangalore, Karnataka

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

SHREE CEMENT PVT. LTD. | DEVOPS TRAINEE

July 2022 - October 2022 | 4 Months | Beawar, Rajasthan, India

- → Acquired knowledge in trending DevOps technologies, including Linux, Docker, Kubernetes, Git/GitHub, and Jenkins.
- → Hands-on Experience with trending DevOps and cloud tools. Deployed Nodejs application on AWS ECS & ECR.
- → Created a CI/CD Pipeline of a Web Application using Docker, Jenkins, and AWS Ec2.

LAKEBRAINS TECHNOLOGIES | CLOUD DEVOPS INTERN

Apr 2022 - May 2022 | 2 Months | Udaipur, Rajasthan, India

- → Gained extensive knowledge of AWS Cloud services, including EC2 for scalable computing, SNS for message notification, SQS for message queuing, CloudWatch for monitoring, Auto Scaling for maintaining application availability, IAM for secure access management, and RDS for managed relational databases.
- → Hosted a static website on Amazon Web Services by configuring and utilizing an S3 bucket for reliable and scalable storage, ensuring high availability and durability.
- → Successfully deployed a web application using EC2 instances for backend services and AWS Amplify for frontend deployment, providing a seamless and integrated development and deployment experience.

SKILLS

PROGRAMMING

• Linux & Shell scripting • Python

DATABASES

• MySQL • MongoDB • Postgresql

DEVOPS

- Docker Kubernetes Terraform Amazon Web Services (AWS) Azure DigitalOcean Git & GitHub Jenkins Ansible
- Vault Grafana Nagios ELK ArgoCD Docker Swarm Prometheus & Grafana Gitlab CI/CD

CERTIFICATIONS

- → Silver Badge in NPTEL(IIT) Cloud Computing
- → Elite Badge in NPTEL(IIT) soft skills
- → Certificate by Udemy AWS Solution Architect Associate

EDUCATION

GEETANJALI INSTITUTE OF TECHNICAL STUDIES

BACHELOR OF TECHNOLOGY | COMPUTER SCIENCE & ENGINEERING 2019 - 2023 | Udaipur, Rajasthan Aggregate: 94%