

Krushna Sharma

Site Reliability Engineer |
DevOps | AWS

Contact

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SKILLS

Cloud & Infrastructure

- AWS (EC2, ECS, S3, VPC, IAM, CloudFront, ALB, Auto Scaling, API Gateway, CloudWatch, Lambda)

Containers & Orchestration

- Docker, Kubernetes (Deployments, Services, Configurations)

Infrastructure as Code (IaC)

- CloudFormation (Templates, Stacks, ECS Infra Provisioning)

Monitoring, Logging & Observability

- Grafana, Prometheus, Loki, Promtail, Blackbox Exporter
- Datadog, New Relic, API Performance Monitoring, Alerting

Networking & Security

- VPC, Subnets, Route Tables, Security Groups
- SSL Certificates, IAM Roles & Policies, SOC 2 Controls

PROFESSIONAL EXPERIENCE

Yapsody India Pvt. Ltd.

Site Reliability Engineer

Jun 2023 – present | Mumbai (WFH), India

- Implemented AWS cost-optimisation strategies using Trusted Advisor, Reserved Instances, and rightsizing, reducing overall cloud expenses by up to 20% and improving resource utilisation across environments.
- Designed and deployed GitHub Actions CI/CD pipelines supporting automated build, test, deployment, and infrastructure provisioning, including Blue-Green deployment strategies to increase release reliability and reduce deployment time.
- Managed core AWS services (CloudFront, API Gateway, ECS, ELB, S3) to optimize application performance, scalability, and operational efficiency.
- Authored and maintained CloudFormation (IaC) templates to automate provisioning of scalable and secure ECS-based AWS infrastructure.

- Dockerized Java and Node.js applications, improving portability, reducing environment inconsistencies, and enabling faster deployments across dev, stage, and prod.
- Developed centralized Grafana dashboards using API-based data sources, delivering real-time product usage insights for engineering, operations, and business teams.
- Implemented end-to-end observability and alerting using Loki, Promtail, CloudWatch and Blackbox Exporter, enabling real-time log aggregation and reducing incident response time.

- Configured advanced monitoring and analytics using Datadog and New Relic to track API performance, latency, and error rates, proactively identifying and resolving bottlenecks.
- Contributed to SOC 2 compliance by strengthening infrastructure security, implementing audit-ready monitoring, enforcing access controls, and improving cloud security posture.

Education

2017 – 2020

Bachelor of Engineering (BE):
Computer Engineering
MMIT, Pune

2014 – 2017

Diploma: Information
Technology
MIT, Pune

- Developed Linux shell scripts and Python automation tools to streamline repetitive DevOps tasks such as backups, log rotation, deployment validation, and system maintenance.
- Automated Linux log file backup processes for critical services, ensuring data integrity, disaster recovery readiness, and compliance.
- Performed in-depth debugging and root-cause analysis (RCA) for production incidents, identifying underlying issues across application, infrastructure, and CI/CD layers to ensure rapid resolution and system stability.

Aretove Technologies

System Engineer

Oct 2021 – Mar 2023 | Pune, India

- Implemented SCM and version control best practices using GitHub, enabling efficient code management, streamlined collaboration, and improved release workflow clarity.
- Set up and configured Docker and Kubernetes environments, ensuring stable container orchestration and reliable application deployment across development and staging.
- Automated end-to-end DevOps pipelines using Jenkins CI/CD, improving release cycles, deployment efficiency, and reducing manual intervention.
- Optimized internal tools through scheduled updates, automated backups, and controlled rollout processes, following SRE best practices to ensure minimal downtime during maintenance.
- Administered AWS cloud environments, managing key services across Linux and cloud infrastructure to ensure operational stability and performance.
- Maintained optimal server uptime by continuously monitoring system health parameters—CPU load, memory usage, disk utilization—using Grafana and Prometheus.
- Managed EC2 instances, IAM roles, VPCs, Subnets, Route Tables, and Security Groups, ensuring secure networking and proper resource allocation.