

Sourajeet Mohanty

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SUMMARY

- DevOps Engineer with 3+ years of experience designing, managing, and optimizing AWS cloud infrastructure with a focus on automation, scalability, and security.
- Expertise in CI/CD (GitLab, Jenkins), Kubernetes (EKS), Terraform, Docker, and Python-based automation.
- Proven ability to implement disaster recovery plans, reduce cloud costs, and improve infrastructure performance.
- Skilled in observability (Dynatrace, CloudWatch, ELK), vulnerability management (Wiz), and building secure cloud-native apps.
- Delivered production-ready REST APIs using Helidon Java framework for payment platforms.

SKILLS

Cloud Platforms: AWS

Version Control: Github and Gitlab

Infrastructure as Code: Terraform, CloudFormation, Puppet

Scripting and Automation: Python, Bash, Golang

Networking: VPC, Subnets, NAT, ALB/NLB

Collaboration: Jira, Confluence, Slack

CI/CD Tools: GitLab CI, Jenkins

Containers/Orchestration: Docker, Kubernetes (EKS)

Monitoring/Logging: Dynatrace, CloudWatch, ELK, Grafana

Security: IAM, KMS, Secrets Manager, Wiz, PCI-DSS

Artifact Management: Nexus, Artifactory, Maven, Gradle

Others: REST APIs, Helidon Java

EXPERIENCE

DevOps Engineer

MineralTree

Oct 2022 – Present

Bengaluru, Karnataka

- Engineered CI/CD pipelines in GitLab for 15+ microservices, automating secure deployments and cutting deployment time by 40%.
- Implemented and optimized Jenkins pipelines for build/test/release cycles, reducing manual intervention by 90%.
- Provisioned and scaled Kubernetes (EKS) clusters with ALB Ingress, TLS via AWS PCA, and role-based access control.
- Upgraded and patched over 30 Kubernetes services across clusters, ensuring 100% uptime during rollout.
- Built modular Terraform modules reused across 4+ environments, accelerating infrastructure delivery by 3x.
- Designed and tested a disaster recovery setup for a payment gateway platform, achieving an RTO of under 2 hours.
- Complete Automation of Disaster Recovery process with switching mechanism allowing end users to not get impacted at any case.
- Managed Automatic backups for all production critical databases through scripting and AWS native backup services like AWS backup and AWS Datasync.
- Created multi-stage Dockerfiles, reducing image size by 50% and speeding up container startup time.
- Deployed comprehensive observability stack using Dynatrace, CloudWatch, and ELK to reduce MTTR by 60%.
- Integrated AWS CloudFront CDN to cut static content latency by 70% and enhance global user experience.
- Achieved 25% monthly cost savings through lifecycle policies, snapshot automation, and EKS node group optimization.
- Automated infrastructure workflows using Python, Bash, and Lambda to integrate AWS services and reduce manual effort.

EDUCATION

Odisha University of Technology and Research

B.Tech in Computer Science and Engineering, CGPA: 9.23

Aug 2018 – May 2022

Bhubaneswar, Odisha