

BISWAJIT SAHOO

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PROFILE

Cloud & DevOps Engineer with hands-on experience in deploying AWS-based infrastructure, cost optimization, automation, and monitoring. Proficient in Linux, networking, and Terraform. Dedicated to building scalable, secure and reliable systems with a focus on real business problem-solving.

SKILLS

Cloud: AWS (EC2, S3, IAM, VPC, RDS, CloudFront, Lambda, Route 53, CloudWatch)

DevOps: Docker, Git/GitHub, Jenkins (Basic), Terraform (IaC), Ansible (Basic)

OS & Script: Linux (Ubuntu/RHEL), Bash

Networking: Subnets, NAT, ACLs, Load Balancing, Troubleshooting (CCNA Concepts)

PROJECTS

1. Cost-Optimized Static Website Hosting (S3 + CloudFront + Route 53)

- Deployed secure static hosting on S3 with CDN using CloudFront.
- Automated deployment via GitHub Actions → S3 → CloudFront Invalidation.
- **Result:** ~80% cost reduction vs EC2 hosting and improved global performance.

2. Automated EC2 Backup & Snapshot Cleanup (Lambda + Boto3 + SNS)

- Built daily automated EBS backup system using Lambda & Python (Boto3).
- Snapshot lifecycle management to delete old backups.
- **Result:** Reduced storage cost by ~35% & saved manual maintenance time.

3. Secure Multi-Tier Web Application in AWS VPC (Terraform + EC2 + RDS)

- Designed **3-tier VPC** with Public, Private App & DB subnets using Terraform.
- Deployed app on EC2 with RDS MySQL and Bastion host for secure admin access.
- Enabled CloudWatch for monitoring & alerting.

TRAINING & CERTIFICATIONS

- AWS Cloud Practitioner — Cloud Synergy
- Cisco CCNA — Cloud Synergy
- Red Hat Linux Essentials — Cloud Synergy

EDUCATION

B.Tech in Computer Science Engineering — Raajdhani Engineering College, 2025 | Bhubaneswar, Odisha

STRENGTHS

Problem Solving • Fast Learner • Good Communication • Team Collaboration