Triyanshu Sekhar Jena

Site Reliability Engineer

triiyanshu@gmail.com

7809396465

Site Reliability Engineer | AWS, Terraform, Docker | DevOps Enthusiast | New Relic | Experienced in CI/CD & Automation | Seeking New Opportunities
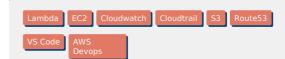
Profile Summary

Results-driven IT DevOps Engineer with 3 years of experience in Docker, Terraform, New Relic, and multiple AWS services. Proven expertise in deploying and managing highly available and scalable infrastructures. Adept at infrastructure-as-code and automation strategies for enhanced reliability, performance, and scalability. Proficient in AWS services and skilled in implementing efficient infrastructure and application deployment processes. Committed to ensuring reliability, security, and performance while adhering to industry standards. Lifelong learner dedicated to delivering high-quality infrastructure solutions. Strong problem-solving skills and a collaborative team player with excellent communication and leadership abilities. Continuously stays abreast of emerging technologies and industry trends to optimize systems and drive business growth. Aiming to leverage my expertise to drive innovation, streamline operations, and exceed organisational goals.

Education

B.Sc, Physics

Centurion University Of Technology and Management Bhubaneswar, 2018

Employment History

August 2020
February 2023

Site Reliability Engineer

EliNext Technologies Pvt Ltd

Implemented CI/CD pipeline using GitHub Actions to automate Docker image build and store in ECR. Orchestrated Fargate tasks triggered by Lambda functions for efficient deployment. Various installation issue on newinstances created via Terraform using scripts. Provisioned ECS, Lambda functions, SQS based on team requirements using Terraform. Conducted audits on IAM roles and policies to enhance access controls. Utilized Sophos Cloud-Optix for auditing logs and trails. Proficient in using GitHub as the primary SCM and Bitbucket as the secondary SCM in day-to-day work. Updation and maintaince of Infrastructure for optimized and updated environments.
Implemented infrastructure-as-code using Terraform for seamless provisioning and management of AWS resources. Automated the creation of VPCs, subnets, security groups, and routing tables using Terraform modules. Configured load balancers, auto-scaling groups, and launch configurations with Terraform for optimized application scalability. Utilized Terraform to define and deploy AWS Lambda functions, enabling serverless architecture and efficient event-driven workflows. Implemented infrastructure drift detection and remediation using Terraform's state management capabilities. Orchestrated seamless blue-green deployments of applications on ECS clusters using Terraform's rolling update strategy. Utilized Terraform's remote state backend to enable collaboration and shared infrastructure state across team members. Implemented IAM role and policy management using Terraform, ensuring granular access control and least privilege principles. Leveraged Terraform workspaces to manage multiple environments (e.g., development, staging, production) with ease and consistency. Employed Terraform's provisioners to execute scripts and configure resources during infrastructure provisioning, enhancing customization capabilities. Collaborated with development teams to define and manage infrastructure requirements as code, ensuring alignment with application deployment needs.

Courses & Certifications

- **12 Factor App**
- **Docker Training Course for the Absolute Beginner**

Key Skills

Skill	Rating
AWS	★★★★★
Linux	★★★★
Docker	★★★★
Terraform	★★★★★
New Relic	★★★★
Github	★★★★★
JIRA	★★★★★
Yaml	★★★★★
Application Deployment	★★★★★
Requirement Gathering	★★★★★
Github Action	★★★★★

Technical Skills

Lambda EC2 Cloudwatch Cloudtrail S3 Route53 VS Code AWS Devops

Personal Information

Date of Birth	30th May 1997
Gender	Male
Address	Odisha
City	Balasore
Country	INDIA
Marital Status	Single / unmarried