

DEEPAK R

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PROFESSIONAL SUMMARY

Results-driven Cloud Infrastructure Analyst experienced in AWS (including Lambda), Infrastructure-as-Code (Terraform, CloudFormation), CI/CD, container orchestration (Docker/Kubernetes), Disaster Recovery, and Infrastructure Automation to enable scalable, secure, and highly available environments.

EDUCATION

B.Tech in Computer Science, CMR University, Bengaluru, Karnataka
GPA: 8.82

SKILLS SUMMARY

Cloud Platforms: AWS (EC2, S3, VPC, IAM, RDS, EKS, Lambda, CloudWatch, Route 53, Load Balancer)

Infrastructure as Code (IaC): Terraform, CloudFormation

CI/CD and Version Control: Jenkins, GitHub Actions, Argo CD, Git

Containers and Orchestration: Docker, Kubernetes (EKS)

Monitoring: Prometheus, Grafana, CloudWatch, Datadog, Infrastructure Monitoring Automation

Operating Systems and Scripting: Linux, Python, Bash, Shell Scripting

WORK EXPERIENCE

Infrastructure Service Analyst — DXC Technology

Dec 2023 – Present

- Engineered and managed AWS infrastructure (EC2, S3, VPC, IAM, RDS) using Terraform and CloudFormation, improving deployment efficiency by approximately 70%.
- Built and automated CI/CD pipelines with Jenkins and GitHub Actions for Dockerized applications, accelerating release cycles by 60%.
- Deployed and managed containerized workloads on Kubernetes (EKS) ensuring high availability and scalability.
- Implemented monitoring and alerting with CloudWatch, Prometheus, and Grafana; reduced MTTR by 40%.
- Enhanced cloud security through IAM policies, S3 lifecycle rules, and cost optimization measures.
- Developed disaster recovery and infrastructure reliability by automating backup validation and resilience testing.

PROJECTS

Automated CI/CD Deployment of React Application using Docker, Jenkins & AWS

GITHUB

Deployed a React app on AWS EC2 using Docker and Jenkins with an automated CI/CD pipeline, integrating Prometheus & Grafana for monitoring and alerting to ensure scalable, reliable, and high-availability operations.

Cloud-Native Application Deployment with Docker, Kubernetes (EKS), and AWS CodePipeline

GITHUB

Orchestrated a cloud-native app on AWS EKS using Docker, CodePipeline, CodeBuild & CodeDeploy; integrated Prometheus & Grafana for CI/CD automation and high availability.

End-to-End DevOps Pipeline on AWS with Terraform, Docker, Jenkins & Kubernetes (EKS)

GITHUB

Provisioned AWS infrastructure using Terraform and deployed React app on EKS with Jenkins CI/CD, integrated monitoring and alerting.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (SAA-C03)
- AWS Certified Cloud Practitioner (CLF-C02)
- Microsoft Certified Azure Administrator Associate (AZ-104)