Bittu Kumar

DevOps and Cloud Engineer

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Dedicated and results-driven DevOps professional with 1.6 years of hands-on experience in optimizing and streamlining IT operations. Seeking a challenging role to leverage expertise in DevOps technologies and cloud infrastructure to contribute to a dynamic team.

Technical Skills

Cloud Technologies	AWS
Build Tools	Maven
Container Technologies	Docker, Kubernetes
Scripting	Shell and Python
Ticketing Tool	Jira
Artifact Management Tool	Nexus3
Code quality check Tool	SonarQube
Version Control System	Git, GitHub and Gitlab
Configuration Management	Ansible
Infrastructure as Code	Terraform
CI/CD	GitHub Actions, Jenkins and Argo CD

Professional Summary

Exl Service India pvt ltd, Noida — Associate Analyst–*DevOps*

April 2024 - PRESENT

- Streamlined the CI/CD pipeline for Java-based applications using Maven, resulting in a 20% reduction in build and deployment times.
- Strong experience in containerization of microservices architecture applications where I have containerized services of 2 development teams.
- Pioneered the Kubernetes adoption in the organization which helped the organization achieve 20 percent efficiency in terms of cost.

- Implemented infrastructure as code for the microservices and the kubernetes infrastructure on AWS.
- Strong experience in AWS and AWS networking such as VPC, Load Balancing, Compute and IAM.
- Introduced version control best practices with Git, improving code collaboration and traceability. Helped teams with branching strategy and webhook configuration.
- Helped in educating the junior devops engineers or other development teams in onboarding Kubernetes by performing proof of concept.
- Led knowledge-sharing sessions on CI/CD and automation, empowering team members to take ownership of their workflows.
- Resolved critical production incidents promptly, maintaining system availability and minimizing business impact.
- Received commendation for resolving critical AWS VPC issues, resolving peering problems for a development team.
- Experience working Route53 and hosted zones where I have orchestrated the route 53 and ALB integration for custom domain implementation in Kubernetes.
- Mastered Kubernetes Ingress and Implementation of Kubernetes Ingress for multiple micro services.
- Setup a terraform remote backend and locking mechanism for the organization using AWS S3 bucket and DynamoDB.
- Experience with terraform remote state management for multiple development teams.

EDUCATION

Arcade Business College — *B.C.A*

May 2020 - July 2023

Computer Science

HIGHLIGHTS

- Received star of the month award for implementing 20 percent cost reduction using Terraform and Kubernetes.
- Participated and presented at various local meetups for sharing and learning from the community.
- Certified DevOps Professional (OCI)
- Certified Oracle Cloud Foundation Associate