Rishika V

DevOps Engineer

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Skills

- AWS: CLI, SDK (boto3), IAM, EC2, ASG, ELB, VPC, S3, CFN, Lambda, CloudWatch, ElasticBeanstalk, RDS, ACM, SSM, Route53
- Network protocols: DNS, HTTP, HTTPS, SSH
- Linux OS
- Scripting Languages: Python, Bash Terraform
- Ansible
- CI/CD: Jenkins, AWS CodePipeline, AWS CodeCommit, AWS CodeBuild, AWS CodeDeploy
- SCM: Git and GitHub
- Docker,Kubernetes
- Grafana, ELK stack
- Agile Methodology
- Jira, Confluence

Certifications

- AWS Certified Solution Architect - Associate
- HashiCorp Certified Terraform Associate

Professional Summary

DevOps Engineer with 7+ years of experience in designing, implementing, and maintaining robust infrastructure solutions. Proficient in automating deployment processes, optimizing system performance, and managing cloud environments. Committed to enhancing operational efficiency and collaborating with cross-functional teams to deliver high-quality software solutions.

Experience

DevOps Engineer at Cisco Systems, Inc., San Jose, CA
Nov 2021-Present

- An active member of DevOps agile team for designing and developing robust cloud solutions to meet client requirements for functionality, scalability, high availability, and disaster recovery leveraging Scrum framework and Jira/Confluence.
- Setting Jenkins pipelines to implement CI/CD for the deployment of applications on the fleet of EC2 instances, Elastic Beanstalk environments, and Kubernetes clusters. Tools and platforms used: AWS, Jenkins, Docker, Terraform, Kubernetes, GitHub.
- Developing Disaster Recovery Plan using AWS Lambda function (written in Python) that automates the process of failover to a different region. Tools and platforms used: AWS, Lambda, SDK (boto3), ElasticBeanstalk, DynamoDB, Route53.
- Actively leveraging Terraform to automate various infrastructure provision for Prod, Dev, and QA cloud staging environments.
- Setting up fully automated CI/CD processes using Jenkins pipelines, GitHub, Docker, Docker Hub, Bash scripting and Terraform contributing to reduction of new features deployment from several hours to 1-2 minutes.
- Configuring 100+ on-cloud and on-prem servers using configuration management tools such as AWS Systems Manager, Ansible CLI and Ansible Tower.

Software Engineer at Juniper Networks Hyderabad, INDIA.
Aug 2016-Nov 2021

- Extensively worked on Jenkins CI/CD pipeline jobs for end-to-end automation to build, test, and deliver artifacts and troubleshoot the build issue during the Jenkins build process.
- Worked with Docker and Kubernetes on AWS, from helping developers build and containerize their application (CI/CD) to deploy on cloud.
- Developed robust, scalable, modular and API-centric infrastructures.
- Applications and adding environments into handling deployments using code pipeline and AWS code deployment for various deployment scenarios.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Updated old code bases to modern development standards, improving functionality.

Education

Bachelor of Technology
2017

Jawaharlal Nehru Technological University, Hyderabad, INDIA