

Mahalakshmi M S

+919902645146 • mahalakshmi12ms@gmail.com <https://www.linkedin.com/in/mahalakshmi-m-s->

Summary

Integral member of the AWS DevOps Engineer with 3 years of experience in automating deployments, optimizing CI/CD pipelines and managing cloud infrastructure. Adept at bridging the gap between development and operations to ensure smooth software delivery.

Technical Skills

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

DevOps Tool: Jenkins, Docker, Kubernetes, Terraform, Ansible.

Operating Systems: Linux (Amazon Linux, Ubuntu), Windows Server

Scripting: Bash

Version Control: GitHub

Networking: DNS, TCP/IP, VPN

Others: ServiceNow, Jira

Work Experience

Infinite Computer Solutions

DevOps Engineer

May 2022 - Present

- Involved in application building and deployed to **Dev, QA, Pre-prod and prod staging**.
- Implemented **CI/CD Jenkins pipelines** and **GitHub** Actions and managed configuration management using **Ansible** to ensure consistent and reliable software releases.
- Automated build and release processes, to optimize release cycles and reduce manual effort, reducing deployment time.
- Created technical documentation for build and release processes.
- Monitored software performance and system stability, and troubleshoot issues that arise.
- Oversaw the Linux server such as **Disk Space utilization, CPU utilization, Memory utilization**.
- Worked on Docker container, pulling images from **Docker hub**, creating the docker files to manage customized containers, container volume management.
- Successfully performed build automation by formulating tools like **maven**.
- Monitoring the server performance using **top** and **ps**.
- Designed multiple Linux slave for **Jenkins master** to evenly distribute the load across the machine.
- Writing Ansible playbooks for creating docker image and deployed on **Kubernetes cluster** using Ansible module.
- Orchestrated **Infrastructure as code (IaC)** using Terraform resulting in improved scalability and consistency across environments.
- Monitoring tools **Prometheus, Grafana**.
- Worked on Cloud Computing - AWS services like **EC2, VPC, S3, IAM, RDS, Auto scaling, EBS, CloudWatch**.

Education

AMC Engineering College

B.E. in Electrical and Electronics Engineering – 6.2 CGPA

Certification

AWS Solution Architect: MicroDegree

DevOps Engineer: MicroDegree