

Muniraju N

DevOps/Cloud Engineer

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SUMMARY

- 3 year's Experience in IT Infrastructure in **DevOps** technologies Git, Jenkins, Ansible, Docker and AWS Cloud.
- Experience in provisioning **Linux servers** in cloud environments and setting security groups.
- Experience in creating Users, Packages, File Permissions, Services, Network, Troubleshooting Log files and Process Administration in Linux Servers.
- Experienced in Branching, Merging, Tagging, and maintaining the version across the environments using **SCM** tool **GIT** on Linux Platforms.
- Managed code repository in **GitHub**, improved practices of branching and code merge to custom needs of development team.
- Expertise in build tools for the building of deployable artifacts such as JAR & WAR from source code.
- Extensively worked on **Jenkins** by installing, configuring and maintaining for the purpose of **Continuous Integration (CI)** and for End to End automation for all build and deployments.
- Experience in Implementing **Continuous Delivery pipelines**.
- Experience working with Docker and managing containers and their lifecycle.
- Experience in **Configuration Management using Ansible** and creating **playbooks**.
- Hands-on experience on Cloud services like **AWS (ELB, EC2, AMI, SNS, Route53, S3, RDS, Cloud Watch, IAM, Security Groups, RDS and VPC and Auto scaling)**.
- Good working knowledge **AWS IAM Service**: IAM Policies, Roles, Users, Groups, AWS Access Keys and Multi Factor Authentication
- Built **S3** buckets and managed policies for **S3** buckets and used **S3** bucket and Glacier for storage and backup on AWS.
- Hands on experience on **Static web hosting, Versioning**.
- Estimating AWS usage costs and identifying operational cost control mechanisms.
- Having experience in monitoring tools **Nagios**.

TECHNICAL SKILLS

Operating Systems	Linux, MacOS, Ubuntu & Windows
Version Control Tools	GIT, AWS Code Commit
CI/CD	Jenkins, Code Build, Code Pipeline
Containerization Tool	Docker
Configuration Management	Ansible
Scripting Language	Shell Scripting
Monitoring Tool	Nagios
Tracking Tools	JIRA, Zoho
Cloud Services	AWS (EC2, S3, IAM, Cloud front, VPC, Route 53, SNS)

EDUCATIONAL QUALIFICATION

2017-2021

Bachelor of Engineering in Computer Science
Dr Ambedkar Institute Of Technology-Bangalore

EXPERIENCE SUMMARY

April 2022 – Present

IT Executive – **Smart software testing solutions**

Responsibilities:

- Managed applications in containerized environments using Docker.
- Proficiently used AWS services like IAM, EC2, S3, VPC and CloudFront. Ensured smooth cloud operations, troubleshooting connectivity, latency, and security issues.
- Automated configuration management with Ansible, reducing manual effort. Troubleshooting playbook failures, enhancing deployment reliability.
- Managed source code with Git, GitLab and GitHub. Resolved merge conflicts, branch issues, and permissions for organized development.
- Created shell scripts for tasks like backups and environment setup. Troubleshoot script failures and performance bottlenecks for streamlined automation.
- Implemented AWS IAM security measures, ensuring least privilege access. Troubleshoot permission mismatches and security vulnerabilities.
- Worked with Docker for building and containerizing the application to deploy.
- Collaborating with infrastructure and development team for discussions and troubleshooting. Addressed integration problems and deployment issues collaboratively.
- Collaborate with Infrastructure, Development and Production support teams.

Environment: Linux, Git, Jenkins, Docker, Ansible, AWS-EC2, S3, IAM, VPC, Route 53, SNS, Cloud Watch, GitLab, CloudFormation