

Madhumati Savoor

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Professional summary

Experienced **Cloud and DevOps Engineer** with over **3+ years** of hands-on expertise in designing, implementing, and managing scalable cloud infrastructure using **Terraform**. Proficient in building, optimizing, and automating **CI/CD pipelines** to streamline development and deployment workflows. Skilled in leveraging industry-standard tools, including **GitHub Actions, Terraform, Docker and Kubernetes** to enhance automation, efficiency, and system reliability. Adept at optimizing cloud resources, ensuring high availability, and improving operational performance through infrastructure as code (IAC) best practices.

Technical Skills

Cloud: EC2, IAM, RDS, Route53, S3, VPC, Load Balancer, Auto Scaling, EBS ,Cloud Watch ,Lambda, Cloud Formation Templates.

DevOps Tools: GitHub Actions, Docker, kubernetes , Terraform, Git, GitHub.

Other Skills: python, Automations, Production Support.

Experience/Projects

TechMahindra

DevOps/Cloud Engineer

Bengaluru, India

- Managed and provisioned cloud infrastructure using **AWS services** like EC2, S3, RDS, IAM, VPC, Load Balancer, Auto Scaling, Route53, and Cloud Watch.
- Architected, deployed, and maintained containerized applications using **Docker** and **Kubernetes** ensuring high availability and performance.
- Automated infrastructure deployment using **Terraform**, ensuring consistency across environments.
- Created and maintained **CI/CD pipelines using GitHub Actions** to automate build, test, and deployment processes.
- Developed automated infrastructure provisioning workflows with Terraform, streamlining virtual machine and database setup in AWS.
- Optimized the **software development lifecycle (SDLC)** by automating testing, deployments, and environment provisioning, reducing bottlenecks and improving efficiency.
- Integrated **SonarQube** into CI/CD pipelines for **code quality analysis** and to enforce coding standards.
- Used **Git and GitHub** for version control and collaboration across development teams.
- Responsible for deploying release sets on a daily basis for multiple namespaces. This involves ensuring that all configurations and dependencies are correctly set up before deployment.
- Handling CMDB requests as per developer requirements for FIPS configuration, ensuring compliance with security standards and maintaining proper documentation for audit purposes.

Cloud Engineer

Bengaluru, India

- Designed and implemented Infrastructure as Code (**IAC**) solutions using **Terraform** to provision, manage, and automate AWS services like **EC2, LB, RDS, NFS, AWS Route53** resources
- Created reusable **Terraform modules** to standardize and optimize resource provisioning across multiple environments.
- Automated the provisioning of cloud resources such as **VPC, Subnets, Internet Gateway, NAT Gateway, Network security** using Terraform scripts.
- Wrote detailed documentation for Terraform configurations and workflows to ensure team-wide understanding and maintainability.
- Troubleshooted and resolved server-related issues on **Linux-based systems**, including disk space management, network configuration, and process monitoring.

Education

Sri Siddhartha Institute of technology Engineering College

Computer Science and engineer CGPA 7.7

Aug 2017 – Aug 2021

Tumakur

HIPU college Dharwad

PCMB Marks:76.66

June 2015 – May 2017

Dharwad

Certifications

- AWS Certified Developer - Associate
- Microsoft Certified: Azure Fundamentals