CONTACT

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Hyderabad

SKILLSET & TOOLSET

- Linux
- EC2, IAM
- ASG, LB, TG
- Route53, RDS, VPC
- Lambda, ECR, S3, EFS
- Jenkins
- Docker
- Terraform
- Ansible
- GitHub, Git, Bitbucket
- MySQL, PostgreSQL
- Maven, Gradel
- SonarQube
- Argo CD
- Grafana, Prometheus
- Kubernetes
- Nginx

EDUCATION

- Bachelor of Computer Applications (BCA)
  SRTM University, Nanded-MH
- Master of Computer Applications (MCA)
  SRTM University, Nanded-MH

MANGESH SWAMI

AWS DEVOPS ENGINEER

SUMMARY

A highly motivated and enthusiastic AWS DevOps Engineer with a strong academic foundation and hands on project experience in cloud infrastructure, CI/CD pipeline implementation, automation, and deployments in AWS environment. Familiar with managing cloud services like **Ec2, S3, Lambda, and RDS**. Gained practical exposure to tools such as **Docker, Kubernetes, Jenkins, Terraform and Ansible**, with keen interest in streamlining process and ensuring operational efficiency. Eager to apply skills in real-world scenarios and contribute to the success of cloud-based projects.

PROFESSIONAL EXPERIENCE

Umang Health Innovation Pvt. Ltd. (May2025-Nov2025)

AWS DevOps Engineer | Hyderabad (India)

- Built and deployed **Spring Boot .jar** backend via Maven with **PostgreSQL,** configuring secure access and taking regular backups to Amazon S3 via shell scripts.
- Implemented Jenkins CI/CD to build, test, and deploy backend with PostgreSQL and deliver React frontend through NGINX reverse proxy.
- Managed Amazon S3 for application assets and backups with defined bucket policies, access controls, and secure transfers.
- Deployed optimized React frontend with environment configs, asset compression, and secure delivery via NGINX.
- Built a local development environment using **Docker** to containerize applications.
- Containerized full stack (backend, frontend, database) using Docker and **Docker Compose** for consistent deployments.
- Provisioned and managed **IAM users** in AWS, applied required permission policies, and organized them into groups to streamline access management and ensure security compliance.
- Managed and monitored Java backend and React frontend applications using **PM2.**
- Developed and configured **systemd services** and automation scripts to ensure Java and ReactJS applications automatically start on EC2 instance reboot.

TECHNICAL SKILLS

- Sever administration, troubleshooting on **Linux** based systems.
- Automation of continuous integration, delivery and deployment Jenkins, ansible, git
- Working knowledge of **AWS- Ec2, ECR, RDS, S3, ELB, Route53, ASG, Lambda** etc.
- Creating infrastructure as a code- **terraform**
- Developed and optimized containerized application using docker, creating efficient Dockerfiles.
- Managed and orchestrated containerized application on Kubernetes, implementing auto-scaling, rolling updates, and persistent storage to ensure high availability, fault tolerance, and efficient resource utilization in environments.
- Leveraged **ArgoCD** to automate Kubernetes deployments, implementing GitOps-driven continuous delivery to improve deployment speed, consistency, and rollback capabilities across multiple environments.
- Implemented monitoring solutions using **Prometheus and Grafana,** enabling real-time metrics visualization and performance tracking.

COURSE/TRAINING PROJECTS

1) **Cloud infrastructure Automation with Terraform**
   - Tools used: Terraform, AWS, EC2, S3, IAM, Lambda
   - Automated the provisioning of high available AWS infrastructure using Terraform, including Ec2 instances, S3 buckets for file storage, and Lambda functions for serverless operation.
   - Configured AWS IAM roles and policies for secure access management.
   - Utilized Terraform state management for consistent deployments across multiple environments
2) **Automated CI/CD pipeline for microservices deployment**
   - Tools used: Git, Jenkins, Docker, Kubernetes, Terraform
   - Designed and implemented a fully automated CI/CD pipeline using Jenkins for deploying microservices to Kubernetes clusters hosted on amazon EKS
   - Dockerized microservices and pushed them to Amazon ECR
   - Configured Terraform scripts to automatically provision infrastructure (VPC, EKS, and RDS) in AWS

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

MANGESH SWAMI