

AMOL OVHAL

Pune, Maharashtra | [LinkedIn](#) | +91 9762949591 | amolovhal999@gmail.com | [GitHub](#)

EDUCATION:

2014 - 2020 | Savitribai Phule Pune University

Bachelor of Engineering - Computer Science (First Class with Distinction)

CERTIFICATIONS:

- | | |
|-------------------------------------|-------------------|
| • AWS Certified Solutions Architect | Udemy |
| • Jenkins, From Zero To Hero | Udemy |
| • Complete Linux Training Course | Udemy |
| • DevOps Engineer | Opstree Solutions |

RELEVANT PROJECTS:

Achieved deployment of Spring Boot application on the cloud with 100% uptime.

[GitHub](#)

- Deployed an Employee 100% data management website using Spring Boot on AWS Cloud using IaaS Terraform, Configuration management tool Ansible, Maven and Nginx with 100% uptime.
- Used services VPC, EC2, Route53, ASG, Application Load Balancer, Launch Template, Cloudwatch, SNS, and MYSQL RDS.

Completed 10+ Terraform Modules for AWS services.

[GitLab](#)

- Services VPC, Subnets, Application Load Balancer, EC2, NAT Gateway, Network Skeleton, Route53, Security Group, and Route Table.

WORK EXPERIENCE:

Dream Game Studios

DevOps Engineer | May 2023 - Present

- Engineered an automated pipeline for cost optimization, overseeing database backups, GCP infrastructure database and Redis deletions, Kubernetes cluster scaling, and alert management. Proficiently creates databases and Redis, restores data, scales clusters, and reactivates alerts as required, resulting in a 60% cost reduction in non-production environments.
- Orchestrated a robust infrastructure setup on GCP utilizing Terraform, encompassing VPC configuration, Registry deployment, NAT implementation, Cloud DNS configuration, Redis integration, CloudSQL setup, and GKE orchestration.
- Executed the deployment of Microservices applications on a Kubernetes cluster with precision, Jenkins pipelines for seamless automation.

Opstree Solutions @ Trademo

DevOps Engineer | 02 February 2022 - 31 January 2023

- Achieved the existing 70% infrastructure with IaaS using Terraform on AWS cloud.
- Introduced a CI/CD pipeline using Jenkins and Packer, which resulted in a 40% reduction in the time required for developers to deploy new updates.
- Redesigned and maintained cloud deployments for 6 Frontend and 4 Backend services.
- Introduced a Prometheus monitoring and alerting agent for the entire infrastructure deployment on the Cloud. Leading to ₹ 600k reduction in the infrastructure spend.
- Generated reports, gathered information, and performed research resulting in 25% more efficiency of the client.
- Migrated more than 50 Client Servers from one AWS Cloud to another AWS Cloud including the Delivery Phase.
- Developed a Jenkins job that reduced the time to grant new users access to the Bastion server by 70%.

DevOps Trainee | 08 October 2021 - 15 January 2022

- Created File Manager, User Manager and Process Management utility.
- Executed Continuous Delivery / Deployment with 100% accuracy of HA EC2 ALB application deployment with bash script utility.
- Created 3+ Ansible Roles and Integrated with Jenkins for configuration management.
- Deployed 6 Microservices Application deployments on Kubernetes.
- Implemented an Employee Management System app on AWS cloud with 6 microservices. Docker Containers, Orchestration tool Kubernetes, MYSQL DB and Elasticsearch DB.

SKILLS

Technical Skills

- | | | |
|---------------------------|-------------------------|-------------------|
| • AWS Cloud and Terraform | • Docker and Kubernetes | • Jenkins |
| • Prometheus and Grafana | • EFK and ELK stack | • Shell Scripting |
| • Ansible | • CICD | • GCP |

PROFILES

[Medium](#)

amolovhal.com

[Hashnode](#)