

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
- DevOps Engineer
- Udemy
- 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

- Automated a Jenkins pipeline to scale Kubernetes infrastructure with Slack notifications and cloud storage reports, reducing costs by 7%.
- Engineered an automated pipeline for cost optimization, managing database backups, GCP infrastructure, Redis deletions, Kubernetes scaling, and alert management, achieving a 60% cost reduction in non-production environments.
- Automated a Prometheus data pipeline, generating daily, weekly, and monthly reports on an internal site, saving 2 hours daily.
- 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 deploying 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.
- Redesignated 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 client efficiency.
- 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% HA EC2 ALB application deployment accuracy with bash script utility.
- Created 3+ Ansible Roles and Integrated with Jenkins for configuration management.
- Deployed 6 Microservices Applications 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
- Prometheus and Grafana
- Ansible
- Docker and Kubernetes
- EFK and ELK stack
- CICD
- Jenkins
- Shell Scripting
- Google Cloud

PROFILES

[Medium](#)

amolovhal.com

[Hashnode](#)