

Harshal Bandrey

DevOps Engineer

9595456460

harshalbandrey95@gmail.com

Pune, Maharashtra

<https://www.linkedin.com/in/harshal-bandrey-48a33a290>

SUMMARY

AWS Cloud Engineer with **4.2+ years** of experience in automating and optimizing deployments, managing cloud-based technologies, and handling infrastructure services. Skilled in Configuration Management, CI/CD, and DevOps processes.

TECHNICAL SKILLS

Cloud Technology: Amazon Web Services (AWS)

AWS Services: EC2, Route 53, Cloudtrail, Load balancer, Auto scaling, IAM, EKS, AWS Config, AWS Cloud watch, S3, CloudFront (CDN), Trusted Advisor, Amazon System Manager (SSM). VPC, SNS, EFS, WAF.

Operating System - Linux.

CI/CD – Jenkins, Gitlab.

Containerization - Docker.

Orchestration - Kubernetes, AWS EKS.

Scripting - Groovy, Shell

Infrastructure as Code - Terraform.

Package Manager- Helm.

Monitoring tools & Data Visualization - Prometheus, Grafana & Datadog

Code Validation/Analysis - SonarQube

Version Control System - Git, Github

Artifactory - Nexus.

PROFESSIONAL EXPERIENCE

DevOps Engineer

Mastek Ltd Pune (Nov 23 To July 24)

Project - : Hospital Fault Report (HFR)

Skills : AWS, Terraform, Linux, Gitlab, Docker, Git, GitHub, Nexus, SonarQube, Datadog

Assist in the development, deployment and maintenance of CI/CD pipeline.

Creating CI/CD pipeline for Frontend, backend & terraform for deploying on the AWS Environment.

Configure the Datadog for monitoring of the services.

Monitor and manage infrastructure and services.

Collaborate with developer, Tester, architecture Engineers and other team members to ensure seamless integration and delivery.

Separate the terraform infrastructure into the three parts as per the Standard.

Troubleshoot and resolve infrastructure and application issues.

Contribute to continuous improvement initiatives.

Learn and apply best practices in DevOps engineering.

Cloud Engineer

GENISYSapp Solution Pune (Apr 20 To Nov 23)

Project - A : BitzTraveller

Skills : AWS, Terraform, Linux, Jenkins, Docker, Kubernetes, Git, GitHub, Nexus, Helm, SonarQube, Grafana

Designed and implemented a CI/CD pipeline for a Kubernetes-based microservices architecture, reducing deployment time by 50% and increasing overall system reliability by 30%.

Developed and maintained a Kubernetes-based autoscaling solution, resulting in a 25% reduction in infrastructure costs and a 15% increase in application performance during peak traffic periods.

Written Kubernetes manifest files to deploy various objects like pods, controllers, services etc.

Deployed Terraform Template to facilitate infrastructure during disaster recovery.

Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and EBS, including backups, patches, and scaling.

Project -B : Medical Domain - Ultra Health System

Skills : AWS, Linux , Jenkins, Terraform, Prometheus, Grafana, Kubernetes (EKS)

Deployment of various microservices using Helm on AWS EKS Cluster by building end to end CI/CD pipeline.

Build and Deployed Docker containers to break monolithic application into microservices increasing scalability and optimizing speed.

Build and maintain ansible playbooks to deploy, configure, and manage servers.

Written terraform templates for deploying infrastructure on AWS Cloud platform.

Build automated processes to report engineering metrics related to DevOps.

Project C : Support Internal Infrastructure.

Skills : AWS , Linux, Terraform

Managing 100+ servers, handling configuration & deployment of infrastructure & services.

Designed and Managed cloud infrastructures using Web Services (AWS) which include EC2, S3, Cloud Elastic File System, VPC Route53, Cloud Watch, Cloud Trail, and IAM which allowed automated operations.

Handled the infrastructure, avoided single point of failure, monitored RAM,CPU space, and performed system backups.

Cost Management and Security of the AWS environment using services like AWS Cost management service, guard duty, trusted advisor, NACL.

Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and EBS, including backups, patches, and scaling. Providing RCA to clients, writing down the SOP's for new activities done in project.

Education

Bachelor of Engineering, Nagpur Institute of Technology

Aug '16 2016