

Malhar Ashrit

Senior Engineer

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Professional Summary

Software Engineer with 12 years of IT experience and 5+ years specializing in DevOps, Cloud Engineering, and Infrastructure Automation. Extensive experience in CI/CD pipeline implementation, cloud platforms (AWS), Infrastructure as Code, containerization (Docker, Kubernetes), and automation. Strong expertise in Linux, monitoring and logging tools, Agile/Scrum methodologies, and production support. Adept at collaborating with cross-functional teams to drive DevOps transformation and continuous delivery initiatives

Work Experience

ATG Business solutions

10/2021 – 04/2025

Senior Engineer

- Designed and implemented CI/CD pipelines using Jenkins and GitHub Actions to automate code integration, testing and deployment
- Containerized applications with Docker and orchestrated deployments using Kubernetes
- Automated infrastructure provisioning and deployments using Terraform, Ansible
- Monitoring system performance and availability using Prometheus, Grafana and CloudWatch
- Managed cloud environments (AWS) ensuring scalability and security
- Collaborated with development and QA teams to streamline workflows and improve release
- Designed and deployed cloud infrastructure using AWS EC2, S3, Cloud Front
- Implemented CloudWatch alarms, and dashboards, improving system visibility by 45%

Wabtec India pvt ltd

08/2017 – 10/2021

Senior Test Engineer

- Preparation of test plan, test cases, executions and defect tracking with Jira, Azure devops
- Testing web & mobile applications on Android and iOS with selenium, Appium, android studio
- Adhered to Agile process including refinements, planning, retrospective meetings

TEKsystems Global service

08/2014 – 08/2017

Test Engineer

- Understanding workflow, prepare test plan, test documents
- Execution of automation test scripts using Selenium
- Execution of test cases, defect tracking and preparing test execution reports
- Testing application in both web and Mobile devices
- Interactions with developers and client

Test Analyst

- Identify scenarios and write testcases
- Responsible for smoke testing, Integration testing and regression testing
- Defect tracking and retesting
- Document the success and failures and report to team lead

Projects

Automation of CI/CD Pipeline for spring boot Java application

- Designed and implemented CI/CD pipeline for spring boot Java application using Git, Jenkins, Maven, Docker, and Kubernetes to streamline build, test, and deployment workflows
- Utilized Docker containers for consistent testing and deployment across environments
- Supported Kubernetes-based microservices deployments in collaboration with cross-functional teams, ensuring high availability and monitoring with CloudWatch and Prometheus
- Implemented Infrastructure as Code using Terraform to provision scalable, secure environments across multi-cloud platforms
- Automated deployment workflows across AWS services (EC2, S3, Lambda), improving scalability and reducing manual intervention by 30%
- Performed end-to-end troubleshooting of cloud infrastructure issues, restoring services quickly and minimizing downtime
- Collaborated with development, QA, and release management teams to resolve compliants

Cloud Integration on Multiple VPC's in different regions

- Configured and connected multiple VPC's in different regions with VPC peering
- Connected multiple VPC's with different user accounts to communicate privately
- Sharing traffic securely with serverless connections and without using internet

IAM Cross Account Access control

- Creating IAM users and user groups for verifying Authontication and Authorizations
- Creating Security Token Service (STS) policy to IAM user groups
- Verify Authorization is available to access pre-production resources like S3 and EC2 by switching roles

Skills

- **Devops Tools:** Jenkins, Docker, Kubernates, Terraform, Maven
- **Cloud Platforms:** AWS (EC2, S3, VPC, Route53, RDS, EBS, EFS, IAM, Load balancer)
- **Monitoring & Logging:** Prometheus, Graphana, CloudWatch
- **Containerization & Orchestration:** Docker, Kubernetes, Amazon EKS
- **Database:** RDS, DynamoDB, MySQL and Oracle
- **Repository:** Github, Data Management portal
- **Testing:** Functional Testing (web and Mobile applications), API testing, Performance testing (Jmeter)

Education

Bachelor of Engineering

Visvesvaraya Technological University - Belgaum