

Amol Tribhuwan

Shivajinagar – Pune

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Professional Summary

Results-driven Associate DevOps Engineer with 1+ year of hands-on experience designing and deploying scalable cloud infrastructure across multi-cloud environments (AWS, Azure, GCP). Proven expertise in containerization, CI/CD automation, infrastructure-as-code, and on-premises infrastructure management. Skilled at implementing event-driven deployments, security hardening, and monitoring solutions that enhance system reliability and reduce operational overhead.

Technical Skills

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure, EC2, S3, RDS, IAM, VPC, Auto Scaling, Load Balancing

Container & Orchestration: Docker, Kubernetes, Helm, Argo CD, Argo Events, microservices architecture

DevOps & Automation: GitHub Actions, Jenkins, Terraform, Ansible, Git, CloudBuild

Infrastructure & Networking: Proxmox VE, NGINX, Keepalived (HA mode), SMB Share, VPC, Subnets, firewalls

Scripting & Programming: Shell Scripting, Python, YAML, Bash

Monitoring & Logging: CloudWatch, Dozzle, Uptime Kuma, centralized logging, alerting, runbook creation

API Gateway & Proxy: Envoy Proxy

Linux Administration: System administration, Cron jobs, daemon management, security hardening

Professional Experience

Kanaka Software

Pune

Associate DevOps Engineer

August 2024–Present

- **Multi-Cloud Infrastructure Management:** Architected and provisioned AWS, Azure, and GCP infrastructures for production pipelines with compliance to security specifications, reducing deployment time by 40%
- **CI/CD Pipeline Automation:** Designed and implemented GitHub Actions and Cloud Build pipelines for automated testing, linting, containerization, and deployment of microservices with zero-downtime rollouts
- **Self-Hosted CI/CD Infrastructure:** Deployed and maintained self-hosted GitHub Actions runners and on-premises test servers, enabling secure, firewall-compliant workflows with IP-based access control
- **Container Security & Hardening:** Integrated automated vulnerability scanning, container image signing, and Python Dockerfile optimization, reducing image sizes by 35% and improving deployment speed
- **Event-Driven Deployment Architecture:** Implemented Argo Events for triggering automated, zero-downtime deployments based on event conditions, enhancing deployment reliability and reducing manual intervention
- **Monitoring, Logging & Incident Response:** Established centralized logging infrastructure (Dozzle, Uptime Kuma, CloudWatch), created incident response runbooks for on-call rotations, and decreased mean time to resolution (MTTR) by 30%
- **Microservice Architecture Implementation:** Deployed containerized applications using VPC and subnet segmentation, improving application scalability and resource isolation

Certifications & Professional Development

Fortune Cloud Technologies

Pune

Master in Cloud Architect

- Advanced expertise in cloud infrastructure design and implementation
- Hands-on proficiency with AWS services (EC2, S3, RDS, IAM), load balancing, and Auto Scaling
- Microservice architecture design and deployment using containerization
- Infrastructure automation and infrastructure-as-code practices
- Cloud backup, disaster recovery, and scaling strategies

Education

Padmashri Vikhe Patil College of Arts, Science and Commerce
Bachelor of Science in Computer Science

Pravaranagar, Loni
July 2023

New English School and V.L.D.P. Jr. College
Higher Secondary Certificate (HSC)

Puntambra
2020

Dynanamrut Madhyamic Vidyalaya
Secondary School Certificate (SSC)

Rampurwadi
2018

Achievements & Awards

2023: First Prize – Low-Cost Oscilloscope Project: Innovative design and implementation of cost-effective measurement instrument

Languages

English (Professional Proficiency), Hindi (Professional Proficiency), Marathi (Native Proficiency)