Abhishek R. Vala – DevOps & SRE Engineer

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Profile

CKA and AWS certified Site Reliability Engineer specializing in building and scaling resilient, cloud-native infrastructure. Proven to enhance system reliability and engineering velocity through expert implementation of Kubernetes, Terraform, and CI/CD. Adept at leading incident response, significantly optimizing cloud costs, and automating complex systems to accelerate business goals.

Core Competencies

- **Cloud Platforms:** AWS, Azure
- **Infrastructure as Code:** Terraform, Ansible, CloudFormation
- **Containerization & Orchestration:** Kubernetes, Docker, Helm
- **CI/CD & Automation:** Azure DevOps, GitHub Actions, Python, Bash/Shell
- **Observability & Monitoring:** ELK Stack, Datadog, Prometheus, Grafana
- **Data & Messaging Systems:** MySQL, Kafka, Zookeeper, Redis
- **Security & Compliance:** IAM, TLS/SSL, RBAC, OS Hardening, CIS Benchmarks

Experiences

PANAMAX INC | AHMEDABAD - SRE | JANUARY 2023 – PRESENT

- **Cloud Platform Engineering & Cost Optimization:** Architected and automated the AWS infrastructure using Terraform to support exponential user traffic growth following a major product launch. Led a cost-optimization initiative that resulted in significant six-figure annual savings through strategic use of spot instances and resource right-sizing.
- **CI/CD and Kubernetes at Scale:** Engineered a Kubernetes-based platform (On-Prim and Cloud) for over 15+ microservices, serving a large development organization. Overhauled the CI/CD strategy for a 40+ microservice wallet-platform by designing a dependency-aware build system in Azure DevOps. This eliminated integration failures by orchestrating chained builds and slashed the overall release cycle from an hour to minutes.
- **System Reliability & Security Hardening:** Drove system resilience by implementing a robust observability stack with ELK, cutting MTTD in half. Led a security initiative to ensure product compliance with CIS Benchmarks as part of the AWS Lift Program, hardening the entire production environment.
- **Critical Incident Resolution & Post-Mortem Leadership:**
- Resolved a critical database performance degradation by architecting a read-replica strategy, restoring application stability during peak load. Authored the post-mortem which led to new query performance standards for developers.
- Stabilized the ELK Stack by diagnosing and resolving recurring JVM OOM failures. The resulting optimizations moved the logging cluster from frequent outages to a state of high availability.

MOTADATA | AHMEDABAD - IMPLEMENTATION ENGINEER | OCT 2021 – JAN 2023

- Led complex NMS deployments (100+) for high-stakes clients, including major government bodies and top private corporations, architecting High Availability (HA) solutions for large-scale, enterprise-grade hybrid environments.
- Authored a suite of Python and Bash scripts to automate server hardening and security audits, materially reducing manual engineering effort and ensuring compliance with stringent enterprise security policies.
- Functioned as the lead technical point of contact for clients, expertly troubleshooting multi-OS issues to accelerate customer onboarding and ensure successful project delivery.

YUDIZ SOLUTIONS | AHMEDABAD - NETWORK ADMIN | DEC 2020 – OCT 2021

- Managed and secured the corporate network infrastructure (switches, routers, Sophos firewalls) for 400+ employees, implementing proactive monitoring and maintenance routines to achieve 97%+ network uptime.
- Led the system patching and vulnerability management program, collaborating with the IT team on system hardening measures that prevented all identified critical vulnerabilities during my tenure.
- Functioned as the primary point of contact for diagnosing and resolving critical hardware and OS-level failures, maintaining system stability and minimizing operational disruptions.

Education

MARWADI UNIVERSITY – RAJKOT | B.TECH COMPUTER ENG. (9 CGPA) | 2017-2021

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)
- AWS Solution Architect – Associate
- AWS Cloud Practitioner