

VARSHA RANA

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OBJECTIVE

Results-driven DevOps Engineer | Site Reliability Engineer (SRE) with 3+ years of experience in cloud infrastructure, automation, and monitoring. Certified Google Associate Cloud Engineer and Datadog expert, specializing in CI/CD pipelines, Infrastructure as Code (IaC), Python automation, and cloud cost optimization. Strong background in incident response, NOC operations, and system reliability, ensuring high availability and performance. Passionate about scalability, security, and operational efficiency in cloud-native environments.

EDUCATION

Bachelor of Engineering in Electronics and Telecommunication

CGPI: 8.02/10

St. Francis Institute of Technology, 2017 - 2021

SKILLS

- **Cloud & DevOps:** Google Cloud Platform (GCP), AWS (basic), Terraform, Cloud Build, GKE, Linux, Docker, Helm, Kubernetes
- **Monitoring & Logging:** Datadog, Splunk, PagerDuty, BigPanda, Zapier, New Relic
- **CI/CD & Automation:** Git, GitHub, GitHub Actions, Jenkins, ArgoCD, CI/CD pipelines, Python, Bash, YAML, Jira
- **Infrastructure & Security:** Infrastructure as Code (IaC), Kubernetes (K8s), Serverless Computing, IAM Policies
- **Data & Analytics:** Microsoft Power BI, Excel, BigQuery, SQL, Log Analysis
- **Collaboration & Incident Management:** Slack, Jira, Confluence, ITSM, On-Call Rotations

EXPERIENCE

LTI Mindtree Pvt Ltd.

Mumbai

Senior Engineer – Cloud & Infra Services

June 2021 - Present

- Designed and maintained highly available cloud architectures using GCP and Kubernetes.
- Automated Datadog agent upgrades, transitioning from Helm to Backstage & Fleet Automation, reducing manual interventions by 20%.
- Led the Datadog Agent upgrades & APM management, enhancing monitoring, observability, and troubleshooting capabilities.
- Developed Python scripts to automate cloud resource provisioning, reducing manual effort by 40%.
- Designed & deployed a Slack Bot using GitHub Actions for PagerDuty schedule notifications, improving on-call response efficiency.
- Acted as the lead contact for NOC operations, optimizing incident management using Datadog, PagerDuty, and BigPanda.
- Led the BigPanda to Datadog migration, improving incident response times by 30% and reducing noise in alerting.
- Implemented SLOs/SLIs for critical services, ensuring service reliability aligned with business objectives.
- Delivered business intelligence insights using BigQuery and real-time log analysis.
- Optimized CI/CD workflows, improving deployment efficiency and reducing rollback failures.

CERTIFICATIONS

- Google Cloud Certified: Associate Cloud Engineer
- Datadog Certified: Datadog Fundamentals
- PagerDuty Certified: PagerDuty AIOps
- Big Panda Certified: Unified Analytics

- Python Essential 1 by Cisco
- GCP DevOps Engineer Certification Course

- Python Data Structures by University of Michigan