



Atul Shankar Salunkhe

Tech Lead [SRE]

atul.wiki

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Profile

Senior SRE / CloudOps Engineer with 10+ years of experience transitioning from QA Automation Lead to CloudOps/SRE. Proven expertise in building **scalable, reliable, and cost-optimized cloud platforms** across AWS, GCP, and Azure, with strong foundations in **Kubernetes, CI/CD automation, IaC, and observability**. A background in QA brings a unique strength in **test-driven reliability, performance validation, and ensuring production readiness**. Skilled in **Jenkins, GitLab CI/CD, Terraform, Helm, ArgoCD, Datadog, Prometheus, Grafana**, and automation with **Python, Bash, and Java**. Adept at driving **stability, security, and efficiency** across enterprise platforms.

Skills

Cloud & Services

AWS (EC2, S3, RDS, Aurora, Redshift, EMR, CloudFormation, IAM, SQS, Secret Manager, GCP (Compute, Cloud SQL, IAM), Azure (ADLS, IAM))

Devops Tools / Tech

Linux, Docker, Kubernetes, Terraform, Helm, ArgoCD, Ansible

Monitoring & Observability

Prometheus, Grafana, Datadog, Loki

Build / CI/CD / Version Control

Jenkins, GitLab CI/CD, Maven, Git, SVN

Databases

MySQL, PostgreSQL, Aurora, Redshift, Hadoop, Hive, PrestoDB, PrestoSQL

Programming Language

Python, Java, Shell, YAML

Automation / API tools

RestAssured, Postman, gRPC, SoapUI, Selenium WebDriver, Autolt

Frameworks

JUnit, TestNG, Pytest, Data-Driven (DD), Keyword-Driven (KD), Hybrid, Retrofit, Uplink

Performance tools

JMeter, Selenium Standalone

Test Management & Security Tools

JIRA, HPQC, Bugzilla, ExtentReports, SQLMap, OWASP ZAP, BurpSuite, OkHttp

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Work Experience

Freestone Infotech Pvt Ltd / Privacera Inc.

Tech Lead [SRE]

08/2020 – present | Mumbai

- Lead SRE initiatives for multi-cloud SaaS platforms, improving **reliability, scalability, and cost efficiency**.
- Designed & automated **GitLab CI/CD pipelines** for tenant cleanup, namespace lifecycle, and EMR termination → reduced manual overhead and errors.
- Migrated legacy Jenkins workloads to **Kubernetes + Helm + Kustomize**, modernizing CI/CD and shared libraries.
- Implemented **Kubernetes best practices** (PDB, resource limits, affinity, tolerations, topology constraints), enhancing cluster resilience.
- Enabled **secure cross-cloud integrations** via AWS–GCP–Azure VPC peering and **AWS PrivateLink**.
- Built **Datadog monitoring dashboards & alerts**, improving incident visibility and reducing MTTR.
- Drove **cloud cost optimization** by analyzing usage patterns and converting on-demand nodes to Spot instances → significant cost savings.
- Administered and optimized **Solr clusters** (sharding, collection management, error reduction) for high availability.
- Supported core infrastructure and cloud services: **AWS (EC2, S3, RDS, Redshift, IAM, CloudFormation, EMR), GCP (Compute Engine, Cloud SQL, IAM), Databricks**.
- Provided infra-level troubleshooting across networking, VPNs, PVCs, HPA, and PDB issues.
- Established automation and environment ownership practices, building a strong foundation from QA and automation experience to full SRE responsibilities.

Greyatom Edutech Pvt Ltd

Senior Automation Engineer

03/2019 – 07/2020 | Mumbai

- Led a QA team of 2, managing **end-to-end functional, regression, and automation testing** across multiple platforms and microservices.
- Designed and implemented a **scalable automation framework** for microservices, supporting **gRPC APIs and Retrofit** for service communication.
- Developed and maintained **mock services** to simulate unavailable dependencies, reducing release bottlenecks and ensuring uninterrupted testing.
- Ensured **high product quality and system reliability** through proactive test planning, structured validation, and Agile-aligned delivery.
- Mentored junior QA engineers, **delegating tasks and guiding automation improvements** to increase test coverage and efficiency.

Certificates

- RHCE / RHCSA
- Datadog
- Helm

Awards

The Shooting Star
Freestone Infotech Pvt Ltd
2021

Education

Bachelor's Degree in Information Technology
Satara College of Engineering and Management
07/2014 | Satara

Diploma in Computer Engineering
Government Polytechnic
07/2010 | Mumbai

- Collaborated with product and engineering teams to align **QA strategy with sprint goals**, delivering timely and high-quality releases.

Naaptol Online Shopping Pvt Ltd *Senior Quality Analyst*

12/2014 – 12/2018 | Navi Mumbai

- Led and mentored a small QA team, overseeing end-to-end **functional, regression, and automation testing** across web and mobile applications.
- Designed and implemented **scalable automation frameworks** using Selenium, TestNG, Keyword-Driven, and Pytest for UI and API testing.
- Developed **API automation and performance tests** with Postman, REST clients, JMeter, and SOAPUI to ensure service reliability.
- Built and maintained **mock services** to simulate unavailable dependencies, enabling uninterrupted testing cycles and faster releases.
- Owned **end-to-end deployment processes** across QA, UAT, and Production, including coordination with external dependencies (CDN, SMS, Payment Gateways).
- Performed **security testing** in collaboration with Bug Bounty teams, validating SQL injection, XSS, and other vulnerabilities using Burp Suite and OWASP tools.
- Administered **Linux servers** (CentOS), managed MySQL migrations, and strengthened infrastructure knowledge for production-grade environments; earned RHCSA and RHCE certifications.
- Gained early exposure to **AWS cloud services** through proof-of-concepts, deployments, and environment troubleshooting.
- Maintained detailed **test planning, traceability, and documentation**, ensuring alignment with business requirements and sprint deliverables.