Rahul Sadarangani

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PROFILE

Senior Platform & Site Reliability Engineer with 7+ years of experience architecting scalable, resilient, and cost-efficient infrastructure across AWS, GCP, and Azure. Specialized in **Kubernetes-based platforms (1,000+ clusters)**, **multi-cloud control planes**, and **observability systems** using OpenTelemetry, Clickhouse, and Grafana. Proven record of reducing MTTR from 8 hours to under 40 minutes through data-driven reliability practices and SLO-based alerting. Passionate about building platforms that maximize uptime, automate operations, and accelerate developer productivity.

SKILLS

Programming
Python, Go, Shell Scripting

Cloud
AWS, GCP, Microsoft Azure, Private Cloud Environments

DevOps
Kubernetes, Docker, Helm, ArgoCD, Terraform, CloudFormation, Jenkins, GitLab CI/CD, Spinnaker, Buildkite, GitHub Actions

Observability and Monitoring
Prometheus, Grafana, Opentelemetry, Clickhouse, Datadog, Victoria Metrics, ELK Stack

Other Skills
Distributed Systems, Linux System Administration, Incident Management, Capacity Planning, Disaster Recovery, Root Cause Analysis

WORK EXPERIENCE

Senior Software Engineer II - Platform, *Atlan Pte* 06.2023 – 08.2025
Remote, India

- Architected and operated Atlan's **next-generation multi-cloud control plane**, managing 1,000+ Kubernetes clusters and 10,000+ nodes across AWS, Azure, and GCP.
- Rebuilt infrastructure provisioning using **Crossplane, ArgoCD, and Backstage**, reducing environment setup time from ~1.2 hours to **under 15 minutes** and standardizing lifecycle automation across providers.
- Designed and implemented Atlan's **centralized observability and telemetry platform** using OpenTelemetry, Clickhouse, Victoria Metrics, and Grafana — enabling a unified visibility layer for all platform services.
- Reduced **mean time to resolution (MTTR)** from **8 hours to under 40 minutes** through SLO-based alerting, actionable dashboards, and improved incident correlation.
- Established **organization-wide alerting, SLO, and SLA practices**, driving data-backed reliability improvements and reducing alert fatigue.
- Defined and automated **on-call and NOC workflows**, improving service uptime, incident ownership, and operational readiness.
- Led **cross-cloud networking and upgrade automation** initiatives to ensure secure, performant, and compliant infrastructure across AWS, Azure, and GCP.
- Partnered with product, security, and platform teams to embed observability and reliability goals into all new deployments, improving uptime consistency and customer trust.

Software Engineer II - Site Reliability, *Rippling* 02.2022 – 06.2023
Bengaluru, India

- Owned and scaled Rippling's **compute infrastructure platform**, driving the migration of microservices to **Kubernetes** using Terraform, Helm, and ArgoCD — improving deployment speed, reliability, and consistency.
- Automated **infrastructure provisioning and CI/CD workflows** with Buildkite and ArgoCD, reducing deployment lead time by **40%** and improving release confidence across environments.

- Integrated **Cloudflare CDN and WAF**, reducing content delivery costs by **75%** while enhancing edge security and resilience.
- Built **Datadog-based observability dashboards and alerting systems** to proactively detect and triage platform incidents.
- Served as part of the **on-call SRE rotation**, leading incident response, root-cause analysis, and post-mortem improvements to enhance uptime and system reliability.

Software Engineer - DevOps, *epiFi Technologies Private Limited (Fi Money)* 12.2020 – 02.2022
Bengaluru, India

- Joined as the **first DevOps engineer**, establishing Fi Money's infrastructure and reliability foundation for one of India's leading fintech platforms.
- Owned and operated the **core banking infrastructure** on AWS, driving automation, scalability, and operational excellence for critical financial services.
- Built and managed **infrastructure-as-code** using Terraform, Kubernetes/ECS, Ansible, and Packer — enabling fully automated provisioning and consistent environment rollout.
- Engineered a **custom spot-instance deployment framework** with gRPC-based load balancing via Consul, reducing AWS compute costs by **70%** without impacting performance or uptime.
- Designed and implemented a **comprehensive observability and alerting platform** with Prometheus, Grafana, Victoria Metrics, and Zenduty, enabling **SLO-based alerting** and data-driven reliability decisions.
- Built **cross-cloud disaster recovery and automated failover** on GCP to ensure continuity for core services during regional disruptions.
- Collaborated with product, security, and backend teams to standardize DevOps practices and embed reliability across all stages of the delivery pipeline.

DevOps Engineer II, *Here Technologies* 12.2019 – 12.2020
Mumbai, India

- Developed and maintained CI/CD pipelines for **MapHub 2.0** using **Jenkins** and **GitLab**, supporting dozens of development teams.
- Migrated critical services and datasets to AWS, reducing operational overhead and increasing system scalability.
- Designed reusable Docker images compliant with org-wide security standards, adopted by **300+ developers**.
- Optimized infrastructure provisioning and reduced AWS operation costs by **30%** through automation and resource tuning.

Software Engineer - Cloud & Data, *Capgemini India Private Limited* 08.2018 – 11.2019
Mumbai, India

- Contributed to cloud migration and infrastructure automation initiatives using AWS, Terraform, and Jenkins.
- Developed ETL jobs and data workflows for enterprise clients using shell scripting and cloud-native services.

🎓 EDUCATION

Bachelor's of Science, *Amity University* 2015 – 2018
Mumbai, Mumbai

- Graduated with a CGPA of 6.75 out of 10.
- Major in **Information Technology** and Minor in **Business Management**