

SWAPNIL RASTOGI

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Summary

Site Reliability Engineer with 6 years of experience. Proficiency in CI/CD, Infrastructure management using Terraform, Ansible and SaltStack. Driven projects around cost optimisation and capacity planning in Cloud. Enthusiastic to learn and implement new technologies.

Applied Skills

Platforms: Linux

Programming languages: Shell, Python

CM Tools: Terraform, Ansible, SaltStack

Monitoring Tools: Newrelic, Prometheus, Grafana, Monit, Sensu

Clouds: AWS, Azure, Alibaba

Database systems: MySQL, MongoDB, Elasticsearch

Other Tools: Spinnaker, Jenkins CI

Work Experience(s)

Lead Site Reliability Engineer

Cleartax - (Mar'19-Present)

- Managed automated CI/CD pipeline with Spinnaker and Jenkins.
- Used terraform at scale for infrastructure provisioning and updates.
- Application deployment on Kubernetes with Helm Charts automation.
- Monitoring/Alerting and incident management using Prometheus, Grafana and Pagerduty.

Site Reliability Engineer

ADOBE Systems - (Jul'18-Mar'19)

- Built Fault injection tool for Chaos testing of docker based applications.
- Used SaltStack for Configuration management.
- Used helm charts for kubernetes based deployment pipeline.

Site Reliability Engineer

<https://www.getvymo.com> (Vymo Solutions) - (May'17-Jun'18)

- Built scalable infrastructure to serve a million requests per day.
- Built big data Analytics pipeline with Spark and Hadoop Clusters.
- Managing more than 30 micro services using Ansible.
- Handling crucial 24x7 production environment for SaaS provided to all nationalised Banks
- Designing and implementing security compliance according to ISO 27001.
- Capacity Management and Large scale deployment on AWS and Azure.
- Automated Azure infrastructure provisioning using Ansible and Azure CLI.
- Performance tuning for Mongo and Mysql database.

Sr. Devops Engineer

[Housing.com](https://www.housing.com) (LOCON Solutions) - (Jul'15-Apr'17)

- Deploy automation for large scale web servers and APIs
- Continuous monitoring for high availability database and web servers
- Server configuration design for scalable web apps
- AWS EC2, S3, Cloudfront at scale
- Elasticsearch Cluster at scale setup and monitoring

Devops Engineer

Navyug Infosolutions Pvt. Ltd - (Feb'14-Jun'15)

- Shell Scripting for Automating IT Operations
- Managed Small scale data center operations and network firewall.
- Expert in Jenkins Continuous Application Deployment
- Capistrano and Ansible deployment scripts to standardize code roll outs
- Capacity planning, Bottleneck identification and taking proactive measures

Education

B.E.(hons) from BITS Pilani Hyderabad Campus, 2013