

# Akshita Sharma

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## Summary

With 2.8 years of experience, I am a DevOps Engineer with a focus on process automation, continuous deployment and delivery, system administration, and monitoring. I create and optimize dependable and scalable cloud infrastructures by utilizing my knowledge of Google Cloud Platform (GCP) and Microsoft Azure. With my expertise in Ansible and Terraform, I optimize workflows and automate deployments to boost efficiency. My ability to oversee scalable designs guarantees smooth interaction with different applications and systems, promoting the expansion and success of organizations.

## Experience

**DEVOPS ENGINEER** | 12/2022 - Current

**Jio Platform Limited - Mumbai**

- Built infrastructure with GCP resources and skillfully installed and set up various technologies, such as nginx, opsagent, redis, mongo, rabbitmq, docker, and node, in accordance with project specifications.
- Responsible for setting up and maintaining GCP infrastructure, such as virtual machines, firewalls, storage, networking components, GKE cluster configuration, artifact registry, load balancers, and memystore redis.
- Experience in Kubernetes and GKE to automate the build and deployment of several Node.js applications.
- Create and implemented CI/CD pipelines utilizing the Docker build pipeline and Azure pipelines for release.
- Created Python scripts to create a systematic resource inventory for GCP in order to track components.
- Automated the provisioning of infrastructure components, such as compute instances, storage resources, and networking settings, by using Terraform modules.
- Created and oversaw Jenkins build tasks for scaling up and down procedures and deployment processes.
- To guarantee data integrity and preparedness for disaster recovery, automated shell scripts in cronjobs were used to manage and maintain daily backups of Redis and MongoDB databases.
- Configure alert systems and rule sets on GCP services to keep an eye on system health and react quickly to important occurrences.
- Created Ansible playbooks to add and oversee scripts on several servers for cron tasks.
- Served as a vital liaison between the application team and the information security team, promoting open lines of communication and coordination.
- Oversaw the timely renewal of SSL certificates throughout the infrastructure in order to maintain security requirements.
- Compute and provide weekly reports on the cost and use of GCP resources, and take the appropriate steps to scale up or down.

**GRADUATE ENGINEER TRAINEE** | 08/2021 - 12/2022

**Jio Platform Limited - Mumbai**

- Managed workload and escalated to supervisor in case of deviation to cost, time and quality.
- Led a dynamic team of individuals that were dedicated to learning and using various automation technologies for a range of products.
- Involved in the Jio.com and My Jio service validation team.
- Tested the applications thoroughly for usability, functionality, regression, and interoperability to ensure they were trustworthy and of the highest caliber.
- Carefully detected and documented any difficulties or concerns that arose during testing for resolution, as well as reported them right away.
- Took interviews with graduates, seeking candidates who shown the capacity and motivation to effectively contribute to our team's goals and objectives.

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## Skills

- Cloud Platforms: Google cloud platform
- Containerisation: Docker, Kubernetes
- Version Control: Git
- Operating Systems: Linux ,Windows
- Scripting languages : Bash
- Logging: GCP Monitoring, Graphana
- CI/CD Tools: Azure Pipelines, Jenkins
- Infrastructure as Code: Terraform
- Configuration Management : Ansible
- Programming Languages: Java, Python

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## Education

**Narsee Monjee Institute of Management Studies - Mumbai, MH | Master of Business Administration**

Information Technology and Service Management, 2024

**Kurukshetra University - Haryana, HR | Bachelor of Technology**

Computer Science and Engineering, 2021

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## Certifications

- Got certified from Microsoft: Azure Fundamentals
- Got Star Performance of the year award while working as GET
- Got Spotlight appreciation award in Automation POC
- The Ultimate DevOps BootCamp 2023: Udemy
- Introduction to Containers w/ Docker, Kubernetes & OpenShift: Coursera