

# Janit Chawla

DevOps Engineer | Azure Certified

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## SUMMARY

Solution-oriented DevOps engineer with 1+ years of expertise in containerization, infrastructure automation, observability, and building delivery pipelines. A quick learner committed to efficient delivery, recognized for effective collaboration and a team-oriented approach.

## WORK EXPERIENCE

**Live DeftSoft Pvt Ltd**, Mohali, India — *DevOps Engineer*

March 2024 – Present

**Xenonstack Pvt Ltd**, Mohali, India — *DevOps Engineer*

March 2023 – March 2024

**Metafic**, Remote, India — *Frontend Engineer Intern*

August 2021 – May 2022

## SKILLS AND PROFICIENCY

**Operating Systems:** Ubuntu, Amazon Linux

**Container Runtime:** Docker, Containerd

**CI/CD:** Jenkins CI, GitLab CI, ArgoCD

**Scheduling and Orchestration:** Kubernetes, EKS

**Application Package Management:** Helm

**Application Image Builder:** Docker

**Container Registry:** DockerHub, Harbor, ECR

**Configuration Management:** Ansible

**Infrastructure As Code:** Terraform

**Observability:** Prometheus, Grafana, CloudWatch, CloudTrail, Loki, Promtail

**Cloud:** AWS (Services: EC2, S3, EBS, ECR, EKS, IAM, VPC, Lambda, RDS), Azure (Services: Azure Devops, App services, ARM templated, Azure-cli, Powershell, service connections, tenant, azure app registration, azure blobs)

**Code Analysis:** SonarQube

**Others:** Bash/Shell Scripting, Python, Networking Concepts, Linux SysAdmin, Debugging Skills

## PROJECTS

**Nodejs Server Deployment** — *DevOps Engineer*

- Automating the deployment of web applications using CI/CD pipeline.
- Checked out Node.js code from GitHub repository.
- Built the code and pushed the artifact to Nexus artifact repository.
- Fetches the artifact and distributes it to VMs using Ansible, then unzipped the artifact.
- Utilized Ansible for orchestrating the starting of Node.js servers on VMs.
- Incorporated version control into the pipeline, allowing for seamless updates from v1 to v2 of the application.
- Employed rolling updates to achieve near-zero downtime during application updates.
- Configured a load balancer using Ansible to ensure high availability and distribute traffic efficiently during updates.
- Implemented health checks to monitor the status of the application and VMs, ensuring continuous availability.

**XS Labs** — *DevOps Engineer*

- Managed containerization services through Docker and Container Orchestration through Kubernetes.
- Managed SRE and DevOps support portal, set up Jenkins CI/CD for deploying in-house apps on on-prem Kubernetes.
- Created pipeline for creating docker images and pushing it to dockerhub.
- Deployed a microservices-based application on k8's cluster using Jenkins CI/CD and ArgoCD.

**Observability for Platform** — *DevOps and SRE*

- Established centralized observability across three clusters, streamlining monitoring and enhancing system oversight.
- Implemented log retention by integrating Prometheus with Loki and promtail for efficient monitoring and data retention.
- Designed and implemented Grafana dashboards for visualization, enhancing data insights and system monitoring capabilities.
- Configured alert systems on Teams, ensuring timely notifications and effective communication for prompt issue resolution.
- Configured custom alert rules in Prometheus, Configured Grafana to create jira tickets whenever an alert is fired.

**Azure Platform deployment** — *DevOps Engineer*

- Automated environment creation using parameterized pipeline and scripts: Script and pipeline creates an app registration, deploys database server, updates database configuration and populate database, creates app services and update configuration of app services.
- Created build and release Azure pipelines to deploy application to Azure platform environment
- Created pipelines for ios, android, macos and windows app, released the apps on appcenter.
- End-to-end management of deployment of application, Managing Azure platform
- Responsible for deployment of application on different environments.

## EDUCATION

**Guru Gobind Singh Indraprastha University**, Delhi, India

AUGUST 2019 - July 2023

Bachelor of Technology – Information Technology