

Janit Chawla

Devops Engineer

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ABOUT ME

Passionate and Dedicated software developer.
Eager to learn new Technologies. Having
experience in Web Development and DevOps
industry.

EXPERIENCE

Xenonstack Jul 2023 - Present
Associate software engineer Mohali

- In the SRE team of xenonstack.
- Tasks include creating Jenkins pipeline for app deployment
- Creating docker images and Reducing size of docker images.
- Worked on loadbalancers.

Metafic Aug 2021 - Feb 2022
React Intern Remote

- Joined Metafic as frontend intern.
- My tasks were to create fully-responsive frontend for the webapps and update the pre-existing websites.
- Coordinate with client for any further changes in the site.

SKILLS

Devops Docker nginx Kubernetes Jenkins

CI/CD Webhooks Bash scripting Ansible

AWS Nexus containerization HTML CSS

JS Java React.js Redux Firebase Git

TailwindCss

EDUCATION

St Josephs Academy 2016 - 2017
10th, 8.4/10 Delhi

St Josephs Academy 2018 - 2019
12th Science, 86.6% Delhi

Guru Gobind Singh Indraprastha University 2019 - 2023
Bachelors IT, 9.1/10 Delhi

PROJECTS

CI/CD pipeline for nodejs application deployment on 2 vm Nov 2023

Implemented ansible in this pipeline, configured a loadbalancer to achieve near zero downtime during rolling updates

Created jenkins pipeline that does the following:

- Checkout nodejs code from github
- Build the code and pushes the artifact to nexus
- fetches the artifact and pushes it to VM's through ansible and unzip the artifact
- Start the nodejs server on 2 Vm's using ansible.
- Pipeline gives the option to update the version of code from v1 to v2
- Tried to achieve near 0 downtime while updating the application: used rolling update
- Implemented a loadbalancer and health checks

CI/CD Jenkins Pipeline for kubernetes deployment Sep 2023

- Running Jenkins in a kubernetes cluster, which helped me learn about kubernetes authentication.
- Created a jenkins pipeline for building docker image and pushing to docker hub
- Pulling the image and deploying it on a kubernetes cluster.

Containerized Application Aug 2023

Notejam application containerized using Docker and Kubernetes

- Containerized notejam application using docker and kubernetes
- Created Docker file for the django project and connected it with postgres container
- Docker image:
<https://hub.docker.com/r/janit31/notejam-webapp>

Kubernetes Deployment Sep 2023

- Using kubernetes deployed application using deployments, service, ingress, persistent volume, pvc, secrets, config-map
- Created pipeline using jenkins to deploy the application on k8's and implemented webhooks