

Saksham Negi

Delhi, India

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Objective

A dynamic **DevOps Engineer** having **4+ years** of experience, looking for a platform where I can implement my skills which I have learned with my past experience and can get a chance to gain new skills which will help me to grow in future professionally and personally.

Professional Summary

- Around **4+** years of IT Industry experience with Configuration Management, Deploy, Build and Release Management, **AWS** and **DevOps** Methodologies
- Extensively worked with Version Control Systems **GIT** Branching, Merging and usergroup permissions and implemented Branching Strategies (In GIT).
- Experience in implementing **Continuous Integration** and deployment using various **CI** Tools like **Jenkins**.
- Good understanding and experience in building **CI/CD** pipelines using automation tools like **Jenkins**.
- Experience in integrating **SonarQube** with POM.xml for code Quality Analysis and generating the code quality reports.
- Experienced in deploying **EAR**, **JAR**, and **WAR** in **Tomcat** Application Servers in Linux/Windows Environments.
- Built **Ansible** playbooks to automate application deployment for increased speed and configuration management.
- Good Experience on Containerized platforms like **Docker**.
- Familiar with writing **Docker Files**, building **Docker Images** and running the **Docker Containers**.
- Managing the creation, deployment and monitoring for **Docker Containers** using Orchestration frameworks like **Kubernetes** and **Docker Swarm**.
- Launching and configuring of Amazon **EC2(AWS)** cloud servers using **AMI's(Linux/Centos)** and configuring the servers for specified applications
- Worked on Multiple AWS instances, set the security groups, **Elastic Load Balancer** and AMIs, **Auto scaling** to design cost effective, fault tolerant and highly available systems.
- Experience on software development life cycle (SDLC) with software development models like **Agile**, **Scrum Model**, **JIRA**.
- Experience in end to end building and deploying the application in **Dev** environment to **Production**.
- Expertise in Deploying, Maintaining, Managing and Troubleshooting of multiple applications running on Linux and Windows based distributed Infrastructure.

Work Experience

Nityo Tech Pvt Ltd.
DevOps Engineer

Gurugram
April 2023 - Current

- Created **Git** Repositories and specified branching strategies that best fitted the needs for the client
- Launching **AmazonEC2** cloud instances using Amazon Web Services (Linux) and configuring launched instances with respect to specific applications.
- Installed application on AWS EC2 instance and configured the storage on **S3 buckets**.
- Designed AWS cloud formation templates to create custom size **VPC**, **Subnets**, **NAT** to ensure successful deployment for web applications in **Apache**, **Tomcat** web servers
- Involved in installing **Jenkins** on a Linux Machine and creating a **Master and Slave** Configuration to implement multiple parallel builds through a build.
- Responsible for implementation of scheduled Builds using Jenkins includes installation of Jenkins, Configuration of Jobs for **automated Build** and deployments.
- Administration and creation of Individual **Jenkins jobs**, including automatic generation, reporting and alerting of build failures and integrating Jenkins plugins like Deploy to container plugin, **SSH agent** plugin, **Sonar Scanner**, parameterized build plugin
- Monitor and fix the continuous integration builds running in Jenkins
- Configuring the mail to the **Jenkins jobs** for build alerts.
- Worked with **Docker containers** which are lightweight and fast for reducing the cycle time of development, testing, and deployment.
- Download/Installed **Docker images** from **Docker hub** using Docker pull
- Involved in the release process and Deployed applications in **Kubernetes Cluster**.
- Used **Jira** to track issues and change management

- Managing and maintaining Client Operating system Windows 10 , Linux & Mac
- Install, configure, and maintain Linux operating system on Dell Poweredge physical servers.
- Perform routine maintenance and troubleshoot hardware issues such as disk failures, memory problems, and CPU issues & Implement server backups and disaster recovery plans.
- Implement and maintain security measures for physical servers, including access controls, encryption, and regular security updates.
- Diagnose and resolve issues related to Linux servers, including performance optimization and debugging.
- Managing user accounts, permissions, and group policies on Linux systems.
- Configure and manage Sonicwall Firewall to control and monitor network traffic to prevent intrusion on the network
- Set up logging and monitoring systems to track network activity and identify security incidents.
- Install, configure, and troubleshoot desktop applications and software for end-users.
- Collaborate with other IT teams and departments to ensure seamless integration and communication.

Technical Skills

Operating Systems	Linux, Windows
Version Control & SCM Tools	Git, Github, SVN
Scripting Languages	Shell Script
Application/Web Servers	Apache,Tomcat
Build Tools	Maven
Monitoring Tools	Zabbix, Grafana
Code Quality	SonarQube
Continuous Integration	Jenkins
Containerization	Docker
Container Orchestration	Kubernetes
Configuration Management Tools	Ansible
Cloud	AWS, EBS, S3, EC2, ELB,RDS, Auto Scaling, VPC

Education

Indira Gandhi National Open University

Bachelor's in Computer Applications

Delhi, India

December 2022

Certifications

Certificate in Hardware and Networking from Jetking

January 2019