

Rakesh Kumar Vishwakarma

cloud.ram.sharma@gmail.com

7724928291, 9981403934

Career objective:

Self-motivated **DevOps Engineer** seeking a challenging and value-added position in an IT organization that will allow me to directly contribute to its growth and success proven willingness and ability to learn new systems and adapt to changing corporate environments.

Professional Experience:

Working as a **DevOps Engineer** in **Ravina Technologies** in Bangalore from March 2021 to date.

Duration	From March 2021 to till date
Role / Team size	DEVOPS ENGINEER / 10
Environment	AWS, LINUX, GIT, MAVEN, SONARQUBE, JENKINS, DOCKER, KUBERNETES, TERRAFORM.

Responsibilities:

- Worked in **CI/CD** process from scratch, involved in **groovy** scripting (**Jenkinsfile**) using **Jenkins**.
- Worked in all areas of Jenkins, setting up CI for new branches, build automation, plug in management, trouble shooting build issues, and setting up **master/slave** configurations.
- Implemented & maintained the branching and build/release strategies utilizing **GIT**, involved in source code management like merging, tagging, and maintaining the SCM repository, **GitHub**.
- Worked extensively from scratch in cloud services in **AWS** like **VPC, EC2, S3, IAM, Lambda, SNS, Auto-Scaling, Application Load Balancer, Security Groups, CloudWatch**, etc.
- Interacting with developers and Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottle necks.
- Participating in weekly release meetings with technology stakeholders to identify and mitigate potential risks associated with the releases.
- Creating **CI/CD** pipeline scripts (groovy) by integrating **Github, Maven, SonarQube, Docker, and Kubernetes** with **Jenkins** to create an end-to-end workflow.
- Used **S3** to store the generated artifacts from maven build.
- Administering **Jenkins** build engine for configuring, managing, and maintaining jobs.

- Running environment-based jobs by configuring **Jenkins Master-Slave** technique, which builds jobs in slave machines and automates deployment in specific environments based on pipeline script.
- Worked in configuration/creating repos in Repository Manager, Sonatype and **Dockerhub**.
- Configuring **Docker** repository to pull them for deployment into the Kubernetes cluster.
- Built Docker images and wrote Docker files to automate tasks and ran docker containers.
- Worked in **Kubernetes** to orchestrate the deployment, scaling, and management of its objects and docker containers, deploying applications into the **Kubernetes cluster**.
- Worked in Configuration Management tool by using **Ansible playbooks** (yaml/yaml) script.
- Setting-up infrastructure using **Terraform** for **AWS** cloud.

Professional Summary:

- Having overall **2.9 years** of experience in the IT Industry as a **Devops Engineer**.
- Working experience with tools like **Git, Maven, Sonarqube, Jenkins, Docker, Ansible, Kubernetes, Terraform**.
- Extensively worked with Source Code Management (SCM) tool, **GIT** –like creating/maintaining branches, comparing, tagging, merging, creating and maintaining the repositories in **GitHub**.
- Expertise in Java build tools like **Maven** for the building of deployable artifacts from source code.
- Worked in setting up (Jenkins) and automated CI &CD processes from scratch which includes installations, configurations, and builds, and worked in **Master/slave configuration** in Jenkins.
- Expertise in building **CI & CD** pipelines using **Jenkins** with the help of **groovy script** for automation.
- Experience in Linux and Ubuntu environments, good knowledge of Linux and Ubuntu networking, administration, troubleshooting, and working knowledge of **Bash scripting**.
- Experience in writing **yaml/yml** script play books to automate the Installations/Configurations of various tools with the help of **Ansible**.
- Built Docker images with **Dockerfile** and made required changes, **DockerHub**.
- Created docker containers to run applications, tagged, experience in **multi-stage builds** in **Dockerfile**.
- Experience in creating Kubernetes objects liked deployments, services, namespaces, replicas, pods, etc. for stateless applications , deploying applications into **Kubernetes cluster**.
- Working Experience in Continuous Integration, Continuous Delivery, Continuous Testing, and Continuous Deployment using **Jenkins**.
- Installed various plugins, took schedule backups, took logs backups, and configured notifications.
- Worked with **DEV, QA, UAT, and PROD** environments in fixing errors for the Builds and Deployments.

- Worked extensively from scratch in cloud services in **AWS** like **VPC, EC2, RDS, S3, IAM, SNS, Auto-Scaling, ALB, Security Groups, Database, VPN, ElastiCache, Lambda, CloudWatch**, etc.
- Good experience in setting-up cloud infrastructure (AWS) using **Terraform**.

Educational Qualification:

Completed B.Sc (Mathematics) from Bhoj University, Bhopal in the year 2016 with 67 %.

Technical Skills:

- **Operating System:** Redhat, Ubuntu
- **Build tools:** Apache Maven
- **Configuration Management Tools:** Ansible
- **Infrastructure as code Tool:** Terraform
- **Containerization:** Docker,
- **Container orchestration:** Kubernetes
- **CI/CD:** Jenkins, Github actions
- **Code QA tool:** Sonarqube
- **Source Code Management:** Git
- **Public Cloud:** Amazon Web Services (AWS)
- **Repository Tools:** Docker Hub, GitHub
- **Scripting:** Python, Shell Scripting, Groovy, Yaml/yml
- **Monitoring/Logging tools:** Cloud Watch, Nagios
- **Web Server:** Apache Tomcat, Nginx

Declaration:

I hereby declare that the above-written particulars are true to the best of my knowledge.

(R. K. Vishwakarma)