Name: **A.AKHIL BHARATH**

Devops Engineer   Ph: +**91-8838755661**

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Profile

Overall **4** years professional experience as a Devops Engineer with a proven record of strong technical background. Analytical and problem-solving skills. Managing & Implementing End to End Deployment, Support & testing of application on Cloud & CloudNative & on-premises infrastructure. I am passionate about working in New Cloud Technology world and having ability to learn new technology in demanding & complex environment. Believe in hardworking, team coordination, flexibility.

Professional Summary

- experience in AWS to deploy applications on POC & PROD environments.
- experience in Micro Services Like Docker & Container Orchestration with Kubernetes.
- Experience in product deployment, testing, and operation support & Handover.
- Good Knowledge on CI/CD Pipeline using Jenkins integration with Git, Jenkins, Maven, Docker, Ansible, Kubernetes.

Technical Skills:

OS Platform	**Linux Red Hat, Centos, Ubuntu, Windows**
Cloud Platform	**AWS, Lambda**
DevOps CI/CD tools	**Jenkins, Gitlab, Github Actions, Bitbucket Pipeline, Ansible**
Monitoring tools	**CloudWatch, Grafana**
Ticket Management tools	**Jira, confluence**
Container Orchestration tools	**Kubernetes**
Build tool	**Maven**
Containerization technologies	**Docker**
Source code management tool	**Git**
Virtualization	**VMWare**
Code Quality	**Sonarqube**

Qualification and Technical Certification

- Completed Bsc (computer science),Thumkur-(2017)

Work Experience

☐ Working as Devops Engineer in Zopper solution Pvt Ltd.,from Feb 2018 to till date.

Project Experience :

Role   : Devops Engineer
Skills   : Docker, Jenkins, NFS, CI/CD, Pipeline, Openshift, Kubernetes, Grafana,
                Prometheus, Cloud watch, Ansible,Git, AWS, S3, Maven, Windows,
                Linux.
Duration   : Feb 2020 to Till to Date.
Description: Software and data service company that thrives on new ideas and creative
                perspectives.

Roles and Responsibilities:
- Installed, configured and integrated **Maven** with **Jenkins**.
- Implementing Jenkins continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
- Involved in installing Jenkins on a Linux Machine and creating a Master and Slave configuration to implement multiple parallel builds through a build.
- Code Analysis Purpose Configured **SONAR** and integrated it with Jenkins.
- Configured Continuous Integration and Continuous Deployment (**CI/CD**) Jenkins to deploy the generated artifacts to QA Environment Severs.
- Used **Ansible** to automate the Master and Agent configuration setup and maintenance.
- Writing Ansible-Playbooks and apply to the yaml scripts.
- Docker – creating new containers, mounting and starting services.
- Creating the **Docker** images with help of Dockerfile.
- Creating the Docker container with help of **Docker-Compose** file.
- Inside the Docker, Clustering and scheduling purpose to use Docker-Swarm.
- Design and build Production Level **Kubernetes** Cluster on **AWS EC2** servers, Virtual Machines &Physical Servers.
- Experience with container-based deployments using Docker, working with Docker images, **DockerHub** and Docker-registries and Kubernetes.
- Used **Kubernetes** to orchestrate the deployment, scaling and management of Docker Containers with PODS, REPLICASETS, DEPLOYMENTS & SERVICES.
- Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed Kubernetes, Created Pods, Deployments, Replicasets and managed using Kubernetes.
- Monitor Kubernetes Clusters using **Prometheus** & **Grafana** & **Cloud Watch**

- Experience in Configuring and Integrating the Servers with different environments to automatically provisioning and Configuration management/provisioning tools like Ansible.
- Using Ansible YAML scripts for Administrative tasks to the remote servers.
- involved in various tasks in routine operations like Systems patching, containerize the services, deploy the services working on tools like Ansible to automate the patching process and autologin the remote machines securely
- Build, Test and release conda packages. Identity repetitive task and automate it using pipeline, ansible, python scripts, REST api
- Environment, diagnose and fix build and test issues and propose improvements to the build process Design, build, manage and operate Hadoop and Spark clusters with a focus on cluster test automation and infrastructure as code.

AWS Roles:
- Maintaining all the company followed security compliances like passwords, policies & user, group, roles creation etc.
- Deployment of applications on AWS cloud infrastructure using cloud service like EC2, EBS, SNS, VPC, S3, Cloud Watch etc.
- Participating & supporting on DevOps CI/CD pipeline infrastructure
- Migrating existing on-premise application to AWS.
- Establish metrics, monitor, carefully the utilization of AWS resources by using Sophisticated Amazon CloudWatch.
- Perform on-premise resources backup by making use of AWS Services like Snapshot, S3bucket.

Place: Bangalore
A.AKHIL BHARATH