

## ABHISHEK MADARKHANDI

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### Professional summary:

- ❖ Over 5.5 years of IT experience in which 4.5 years as a **DevOps/build and release Engineer** in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other environment and deploying to servers.
- ❖ Excellent skills in applying DevOps Continuous Deployment and Continuous Delivery processes & tools [ Ex: **Git, Maven, Jenkins, Tomcat, Ansible, Docker**]
- ❖ Experience in branching, tagging and maintaining the versions across the environments working on Software Configuration Management (SCM) tools like **GIT, Bitbucket** ...etc.
- ❖ Administrating GIT/Bitbucket repositories creating **branches**, resolving **merge conflicts**.
- ❖ Responsible for code merges on a regular frequency to integrate the source code from various branches to maintain baseline code after every release.
- ❖ Hands on experience in **Maven** build tool for compiling and packaging the artifacts.
- ❖ Having good exposure in CI tools like **Jenkins**.
- ❖ Expertise on Installation and Configuration of Continuous Integration tool **Jenkins**.
- ❖ Configuring Jenkins job with related Plugins for Building, Testing and Continuous Deployment to accomplish the complete **CI/CD**.
- ❖ Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds.
- ❖ Hands on experience in integrating **GIT, Maven ,Sonarqube** and **Docker** with Jenkins declarative pipelines and free style models.
- ❖ Daily activities include creating builds, deploying the artifacts in multiple Dev and QA environments and debugging build failures and worked with development and QA teams to resolve the same.
- ❖ Experience in configuring and updating the servers using configuration management tools like **Ansible** and Experience in Containerization tool like **Docker**.
- ❖ Experience On Monitoring Tools like **Grafana and Prometheus**.
- ❖ Written **YAML** playbooks, roles in **Ansible** and Integrated with **Jenkins**.
- ❖ Experience with container-based deployments using **Docker**, working with **Docker images, Docker Containers, Docker files** and **Docker registries**.
- ❖ Experience in Container Orchestration Tool **Kubernetes** and **POD , SERVICE , DEPLOYMENT** Definition Files and Worked on **EKS** Cluster Mangement And worked On **Load Balancing , Replicaset ,Scaling ,HPA ,Rolling Update ,Disaster Recovery** and Also Worked on **Helm Charts ,Ingress Controller** Etc
- ❖ Experience working with **Docker** containers, created and managed a Docker deployment pipeline for custom application images using **Jenkins**
- ❖ Knowledge on cloud infrastructure of **AWS** (Amazon Web Services) like **EC2, IAM, S3, VPC, Autoscaling,**

ELB, Route53 , SQS ,SNS ,RDS,Lambda,CloudWatch , CloudTrail,DynamoDB ,CloudFront ,Elastic Bean Stalk(EBS) ,EFS ,NFS Etc.

- ❖ Experience on **Infrastructure As a Code** Tool **Terraform**.
- ❖ Experience in maintain artifacts in **Nexus** repository and integrating with **Deploy**.
- ❖ Experience On Azure.

#### Professional Experiences:

- ❖ Working as a **DevOps Engineer** in **Tech Beez Software Technologies Private Limited** from Oct 2018 to till Date.

#### Academic Details:

- ❖ **Bachelor of Engineering** from **Jain College of Engineering Belagavi**. In **2018**

#### Technical Skills:

SCM Tools	: GIT, GITHUB
Operating Systems	: Linux, Ubuntu, and Windows.
Build Tool	: Maven
Continuous Integration (CI) Tools	: Jenkins.
Configuration Management Tools	: Ansible
Cloud services	: AWS
Operating Systems	: Linux
Scripting Languages	: Shell Script
Virtualization	: Docker
Orchestration	: Kubernetes, Helm
Infrastructure As Code(IAC)	: Terraform
Repository	: Nexus, Artifactory
Testing Tools	: Junit, SonarQube .
Monitoring Tools	: Grafana and Prometheus

#### Projects:

**Client** : GE Healthcare  
**Role** : Devops Engineer  
**Duration** : JAN 2022 to till date

**Skills used :** Linux ,Git, Jenkins, Terraform , Ansible , Kubernetes , Docker, Bash and Scripting, AWS , SonarQube, JIRA, Grafana and Prometheus

**Roles & Responsibilities:**

- ❖ Implemented Continuous Integration using Jenkins and GIT.
- ❖ Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
- ❖ Creating new repositories and branches in existing repositories as per the requirement of the dev team.
- ❖ Used AWS services like EC2,IAM,S3,Cloud Watch and ELB and auto-scaling.
- ❖ Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using Sonar Qube.
- ❖ Writing (Modules) to automate infrastructure using Ansible Configuring CRON Jobs for executing daily activities such as Backup/Archive etc.
- ❖ Maintaining Regular Backups of the Logs.
- ❖ Maintain the file permissions using shell scripts and worked on Creating, merging SVN branches and create builds.
- ❖ Automated various tasks using Shell scripts.
- ❖ Support the build and deployment infrastructure used by our development teams.
- ❖ Respond to high severity production issues escalated by our operations teams.
- ❖ Support developers by deploying application into Develop, test and production servers.
- ❖ Setting up different resources using Infrastructure as Code tool like Terraform.
- ❖ Created multi-container architecture and various environments like development and testing,CI/CD and worked on Docker images ,containers,networks and docker registries .
- ❖ Maintained EKS Cluster and Deployed applications in EKS Cluster using Kubernetes.
- ❖ Worked on Helm charts as Package Manager.
- ❖ Worked on different Kubernetes services, Ingress Controller and load balancers.
- ❖ Created dashboards, various graphs to monitor applications performances that are deployed in Kubernetes.

**Client :** Rubrik India

**Role :** Devops Engineer

**Duration :** SEP 2019 To NOV 2021

**Skills used :** Linux ,Git, Jenkins, Terraform , Ansible , Kubernetes , Docker, AWS , Sonar Qube, JIRA, Grafana and Prometheus etc.

**Roles & Responsibilities:**

- ❖ Responsible for provisioning, modifying, removing and maintaining the AWS application resources.
- ❖ Created GIT repositories and various branches for developers and configured GIT WEBHOOK with Jenkins.
- ❖ Created pipelines for micro services through Jenkins.
- ❖ Provisioning infrastructure through Jenkins Terraform.
- ❖ Provisioning new environments through terraform.
- ❖ Written Ansible playbooks for server configuration in Ansible.
- ❖ Responsible for communicating with developers regarding builds and deployments.
- ❖ Responsible for communicating with customers and cloud support to get issues resolved.
- ❖ Created docker containers.
- ❖ Written pod, service, deployment YML files in Kubernetes.
- ❖ Monitoring the application using Prometheus and Grafana.

**Date :**

**Place: Bengaluru**

**Your's sincerely,**

**Abhishek Madarkhandi**