

**Vengaiah**

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### **CAREER OBJECTIVE**

Aspiring for competent role in DevOps area where I can get a good learning opportunity as well as contribute personal and professional growth in Cloud Environment, Configuration Management, Build, Release and Deployment Management.

### **PROFESSIONAL SUMMARY:**

- Having 5.4 yrs. of IT experience and 4+ years of experience with **DevOps**.
- Creating CI/CD pipeline, Process Automation, Build and Deployment Automation, Release Management, Packaging Quality control, Source Code repository & Environment management.
- Experience in working as a DevOps Engineer / Software Continuous Integration, Continuous Delivery.
- Complete knowledge of DevOps and Automation Tools **GIT (GitHub), Jenkins, Ansible, AWS, Kubernetes** and **Docker** etc..
- Implemented Continuous Integration, Build and Deployment using various Tools like Jenkins, Maven, SonarQube, Ansible.
- Experience on Managing AWS services like **EC2, AMI, VPC, EBS, S3, RDS, ELB**, and **Cloud Watch, Auto-Scaling, Snapshots, Lambda, route53, IAM roles** and policies.
- Experience in implementing DevOps culture through CI/CD tool like Jenkins.
- Highly adept at designing, implementing and supporting cloud-based enterprise infrastructures. Proven talent for administering, supporting and enhancing applications and hosting platforms. Exceptional skills in quick, efficient debugging and root cause analysis (RCA). Extensive success creating deployment scripts for lifecycle automation. Good understanding on Maven Goals and Maven Lifecycle.
- Experience in creating Jenkins file for Continuous integration Continuous deployment with all validations like Code coverage and Static code analysis using SonarQube.
- Recognized for using Continuous Delivery and Agile Practices to deliver quality software.
- Extensive experience in setting up continues delivery pipeline using adoptive **DevOpsprinciples** and practices.
- Configuring Networking, IGW, Subnets, Routing Tables, NACL's using VPC in AWS.
- Experience in versioning systems like Git repository.
- Proven track record of supporting organizations to create seamless collaboration with development teams and operations (DevOps).
- Working with DEV, QA and UAT to ensure automated test efforts tightly integrated with the build system and in fixing the error while doing the Building and Deployment.

- Experience in writing **Docker files** for building containerized applications.

#### PROFESSIONAL EXPERIENCE:

- Working as a **DevOps Engineer** in **Tech Mahindra** from May 2018 to Till Date.

#### ACADEMIC QUALIFICATIONS:

- B.sc (comp ) in 2009 from Acharya Nagarjuna University.

#### TECHNICAL SKILLS

<b>Version Control Tools:</b>	Git,GitHub
<b>Build Management Tools:</b>	Maven
<b>Continuous Integration Tool:</b>	Jenkins
<b>Artifactory Repository</b>	Nexus
<b>Code Quality Assurance Tool:</b>	Sonarqube
<b>Configuration Management Tool:</b>	Ansible
<b>Container Technology:</b>	Docker, kubernetes
<b>Web/Application Server:</b>	Apache Web Server, Nginx, EKS Cluster
<b>Scripting Languages:</b>	Shell, Python, Yaml Scripting
<b>Cloud Technologies:</b>	AWS (EC2, S3, EBS, ELB, Route 53, VPC, IAM,EKS, ECR, cloud formation, Lambda, etc.)
<b>Operating Systems</b>	Ubuntu, Amazon Linux
<b>Monitor Tools</b>	Nagios
<b>IAC</b>	Terraform

## PROJECTS

**Company** : DBS  
**Environment** : Linux, Git, Maven, Jenkins, Ansible, Tomcat, AWS, Terraform, Nexus, Sonarqube, Docker, Kubernetes  
**Role** : DevOps Engineer  
**Duration** : Aug 2020 - Till Date

### **Responsibilities:**

- Configured Jenkins Jobs for generating Project artifacts.
- Configured Jenkins pipeline as per requirement.
- Maintain GIT Repositories, Branching activities for GIT.
- Responsible for taking the source code and compiling using Maven and package it in its distributable format, such as a WAR.
- Used docker containers for launching Sonarqube, Nexus, Ansible, Jenkins as per stakeholder requirement and working on those containers for CI/CD pipeline and for testing purpose.
- Integrating Sonarqube and Nexus with Jenkins and maven to execute the test reports and deploy the generated packages to deploy in Nexus repository.
- Perform deployments to multiple environments like DEV and TEST environments.
- Configuring Sonarqube and generating Sonarqube analysis report.
- Configuring Nexus and sending generated war files into Nexus server.
- Deploying the generated WAR files in Tomcat server.
- Capable of building Docker images such as Dockerfiles.
- Good knowledge on configuring and Installation of Ansible using Docker containers.
- Documenting all the Build and Deployment related issues.
- Working tightly with Developers team to resolve problem quickly.
- Setup CICD deployment process for Microservices using Docker, Jenkins and Kubernetes.
- Setup latency-based routing in AWS.
- Configure Docker containers.
- Troubleshooting server performance and AWS resource related issues.
- Good knowledge and hands on experience in Terraform.
- Setup and managed backup and recovery using snapshot.
- Create AMI images critical Ec2 instances as backup using GUI.
- Infra-structure development on AWS using various services like Ec2, S3, IAM etc.
- Attaching or Detaching EBS volume to AWS Ec2 instance.

- Worked on tickets assigned by the helpdesk.
- Launching and configuring of Amazon Ec2 (AWS) cloud servers using AMI's (Linux) and configuring the servers for specified applications using Terraform.
- Know basic theory of understanding Kubernetes and understand the components in it.

**Company** : Plant fitness

**Environment** : Linux, Git, Maven, Jenkins, Docker, Sonarqube, Nexus, Terraform

**Role** : DevOps Engineer

**Duration** : July 2018– Aug 2020

**Responsibilities:**

- Setting up the new build environment for various applications in Linux.
- Implementing Jenkins continuous integration tool including installing, setting the jobs and setting up the tool for deployment.
- Worked in container-based technologies like Docker.
- Involved in installing Jenkins on a Linux machine and creating a Master and Slave configuration to implement multiple parallel builds through a build.
- Configuring, Troubleshooting and Monitoring build jobs in Jenkins.
- Deploying WAR application on targeted managed servers by using Tomcat in Jenkins.
- Configured Git with Jenkins and schedule jobs using POLL SCM option.
- Worked with the development team to generate deployment profiles (jar, war, ear) using Maven and Jenkins.
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Experience in designing a Terraform and deploying it in cloud deployment manager to spin up resources like cloud virtual networks.