

BHAMER LAXMI

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PROFESSIONAL SUMMARY:

- Having **4.10 years** of IT experience as **Cloud DevOps Engineer** with **Configuration Management and Release Management**.
- Expert in understanding Operating Systems like **Linux, Ubuntu, Windows**.
- Hands on experience in **automating build process using JENKINS CI Tool**.
- Extensively worked on **Jenkins** for continuous integration and for End- to-End automation for all build and **deployments**.
- **Jenkins** to build and run **Terraform** jobs to create infrastructure in **AWS**.
- Experience in Cloud Infrastructure & Application **monitoring** tools.
- Expert in deploying the code onto Application servers like **Apache Tomcat**.
- Hands on experience in **Amazon EC2 technologies EC2, IAM, S3, Monitoring and Elastic BlockStorage**.
- Hands on experience on Configuration of **VPC, Subnets, NAT Gateway, Route Tables** and InternetGateway.
- Hands on experience on **CIDR Blocks**.
- Hands on experience on **Elastic Load Balancing**.
- Experience in **ansible**, automated deployment process by writing ansible **playbooks** Using different modules, loops, facts, vars, ad-hoc commands, vault.
- Configured servers remotely using **ansible** playbooks to install packages, start services, copy files etc.
- Experience on orchestration tool **Kubernetes** to provide a platform for automating **deployment**, scaling and operations of application containers across **clusters** of hosts.
- **Kubernetes** Cluster management, deployment, scaling, monitoring, & troubleshooting.
- Using **JIRA** as a project management tool & Slack as internal communication between environments.

TECHNICAL SKILLS:

- **Operating Systems** : LINUX, Ubuntu, Windows.
- **Languages** : Bash scripting, Shell Scripting.
- **Source code control Tools** : GIT & GITHUB
- **Build Tools** : Maven, Argo CD.
- **CI Tools** : Jenkins.
- **Monitoring Tool** : Cloud watch, Grafana, Prometheus.
- **Cloud Technologies** : Amazon Web Services (AWS).
- **APP servers** : Tomcat.
- **IAC** : Terraform.
- **Orchestration Tools** : Docker , Kubernetes.
- **Configuration Tool** : Ansible.
- **Ticketing Tool** : JIRA.

PROFESSIONAL EXPERIENCE:

Currently working as **DevOps Engineer** in **INTECH SOFTWARE SOLUTIONS PVT.LTD** from **September 2019 to Till date.**

PROJECT 2:

CLIENT : LIMS and HIMS

Duration : OCT-2022 -Till now

ROLE : DevOps Engineer

ENVIRONMENT : AWS, GIT, Maven, Jenkins, Ansible, Docker, Terraform, Kubernetes, Cloud watch, Grafana.

Responsibilities:

- Implementation/setup continuous project build and deployment process using Git, Jenkins, Ansible, AWS EC2 & Tomcat.
- Creating snapshots and managing EBS volumes.
- Created and Configured Red Hat, Ubuntu, CentOS Virtual Machines in AWS using EC2.
- Using Git as version Control System and Automating the Code from GitHub to Jenkins.
- Upgrading Jenkins and build triggers for jobs whenever the new commit occurs through webhook.
- Creating & managing Kubernetes cluster and onboarding the applications on to the cluster
- Responsible for writing Docker file and creating containers and deploying applications
- Created Terraform scripts and modules to create infrastructure on AWS.
- Terraform was used to create immutable deployment framework for Microservices components.
- Using Ansible as Configuration Management Tool and Deploying WAR/JAR Through Ansible to Servers.
- Running Playbooks on servers of both environment (Prod and Non-Prod) by making necessary changes in the playbook.
- Create the Kubernetes cluster by using kubeadm.
- Creating the Kubernetes cluster and writing the manifest files and Service files.
- Involved in the release process and Deployed applications in Kubernetes Cluster.
- Creating snapshots and managing EBS volumes.
- System applications in AWS cloud in all platforms environments and experience in web/application.
- Experience on orchestration tool Kubernetes to provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts.
- Responsible for Supporting 24x7 for both Production and Non-Production Environment.

PROJECT 1:

Client name : United Air Lines

Duration : SEP-2019 To SEP-2022

ROLE : DevOps Engineer

ENVIRONMENT : AWS, GIT & GitHub, Maven, Jenkins, Nexus, Tomcat, Linux, Ansible, Docker.

Responsibilities:

- Maintaining source code repository for all major and minor releases.
- Created CICD pipelines in Jenkins for continuous build & deployment and integrated JUnit and SonarQube plugins in Jenkins for automated testing and for Code quality check
- Identify, troubleshoot and resolve issues related to build and deployment process.
- Managed Nexus repositories to download the artifacts (jar, war & ear) during the build
- Responsible for writing Docker file and creating containers and deploying applications
- Writing pipeline (Jenkins file) to automate the release and deployment process
- Responsible for writing Ansible playbooks as per the requirement
- Implemented AWS solutions using EC2, S3, EBS, Elastic Load Balancer, Auto scaling groups.
- Trouble shooting and resolving the application unavailability issues and providing RCA
- Attending Daily stand-ups and weekly status calls and sending task updates to Lead/manager
- Setup CICD environment and process in collaboration with the Dev Teams
- Administered merge, build and deployment of the codes to all the environments
- Continuous Delivery is being enabled through Deployment into several environments of Test, QA and Production using Jenkins.
- Configured ALB with different launch configurations and EC2 Autos calling groups
- Working with cross functional, geographically distributed team to provide 24X7 deployment and application support across multiple environments.

EDUCATIONAL DETAILS:

BTECH from CVR College of Engineering (JNTU) at Hyderabad – 2018.

DECLARATION:

I, hereby declare that all the details furnished above are true to the best of my knowledge.

DATE :

(Laxmi Bhamer)