VENKATESH

DEVOPS ENGINEER

Devops engineer with 3+ years of experience in IT industry. facilitating agile application updates, building, scaling and automating infrastructures. Leveraged expertise in Git, GitHub, Jenkins, Ansible, Docker, AWS, Linux.

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Devops skills

- **LINUX**
- **AWS**
- **GIT**
- **GITHUB**
- **MAVEN**
- **ARTIFACTORY**
- **JENKINS**
- **PERFORCE**
- **TOMCAT**
- **ANSIBLE**
- **DOCKER**
- **KUBERNETES**
- **LINUX ADMINISTRATOR**
- **SHELL SCRIPTING**

Education

- **Bachelor of Computer Science** from S.V University in the year 2018 with 76%.

Professional Experience

- Having 3.7 years of IT experience as a Devops Engineer and Linux administrator.
- Good experience in **CI** (Continuous Integration) and **CD** (Continuous Delivery) methodologies with Jenkins, Ansible and Docker.
- Proven experience on Build Tools like **Maven**.
- Performed installation & configuration of **Tomcat** application server, and **Apache server**.
- Hands on experience with Configuration Management Tools such as **Ansible**.
- Hands on experience with SCM tools like **Git** for branching, tagging and version management.
- Hands on experience with code coverage tools like sonarqube.
- Setup and maintain system-monitoring using New relic.
- Having experience in creating custom **Docker Images** using Docker file.
- Having experience on Kubernetes.
- Hands on expertise to setup, configure continuous build processes using **Jenkins**, **Maven**, **Git**.
- Monitor nightly builds every day morning and update the respective Dev team issues.
- Created Profiles like Application Server Profile, Custom profile and Deployment Manager profile by using Profile Management Tool, Command Line and Silent Mode.
- Federated application Server profile nodes and custom Profile Nodes to a Deployment Manager.
- Involved in Installing Refresh packs and Fix packs.
- Experience in working with Amazon Web Services (AWS), Creating **EC2** Instances and configuring all web Services like EC2, S3 bucket, ELB, IAM through AWS Console.
- Having Good Experience in Linux and Shell-Script commands.

Work Experience

- Working for **HCL Technologies** as a **Devops Engineer** from JUN 2018 to Till date.

Technical Skills

Version Control System	:	GIT
Continuous Integration Tool	:	Jenkins
Build Tool	:	Maven
Cloud Technologies	:	AWS
Container based tools	:	Docker, Kubernates
Application Server	:	Tomcat
Iaac	:	Terraform
Web servers	:	Apache, Apache Tomcat
Automation Tool	:	Ansible
Scripting Languages	:	Shell scripting, Python Basic

Project Details

Project II	:	**Reebok, Jockey, Lee**
Role	:	Devops Engineer
Client	:	Reebok, Jockey, Lee
Environment	:	Linux, Git, Maven, Jenkins, Ansible, Docker, WAS, MySQL
Cloud Technologies	:	AWS
Duration	:	Dec 2020 to till date

ROLES & RESPONSIBILITIES:

- Designing and architecture cloud infrastructure with AWS services like **EC2**, **VPC**, and S3etc as per client requirement.
- EC2 instance metrics like CPU Utilization, disk read/write operation and network performance of the **EC2 Servers**.
- Modifying Terraform scripts in **Iaac**.
- Setting up in **CI** (Continuous Integration) and **CD** (Continuous Delivery) methodologies with Jenkins, Ansible and Docker.
- Involved Setting up the **Kubernetes**.
- Installing and updating the Jenkins plug-ins to achieve CI/CD.
- Support the engineering teams regarding CI/Build tools, Environments and Automation.
- Involved in Branching, Tagging and Merging of code delivery at required releases.
- Help Development teams automate the environment setup using tools **Ansible**.
- Setup DEV, QA and UAT environments for every sprint using **Ansible**.
- Managing patches/software upgrades in servers.
- Involved in applying the patch on **IHS** and WAS in different Environments.
- Automated the deployments to DEV and QA Environments by picking up builds from Jenkins using Ansible.
- Configured Git with Jenkins and schedule jobs using **POLL SCM** option.
- Responsible for installing Jenkins master and slave nodes.

Project I : **Customer Support Service Portal**
Role : Devops Support
Client : Celkon Mobiles
Environment : Linux, Git, Maven, Jenkins, Apache-Tomcat, MySQL   .
Duration : Jun 2018 to Nov 2020

ROLES & RESPONSIBILITIES:

- Designing and architecture cloud infrastructure with AWS services like **EC2**, **VPC**, and **S3** etc as per client requirement.
- Setting up in **CI** (Continuous Integration) and **CD** (Continuous Delivery) methodologies with **Jenkins**, **Ansible** and **Docker**.
- Installing and updating the Jenkins plug-ins to achieve CI/CD.
- EC2 instance metrics like CPU Utilization, disk read/write operation and network performance of the EC2 Servers.
- Modifying Terraform scripts in **Iaac**.
- Support the engineering teams regarding CI/Build tools, Environments and Automation.
- Involved in Branching, Tagging and Merging of code delivery at required releases.
- Help Development teams automate the environment setup using tools ansible.
- Setup DEV, QA and UAT environments for every sprint using **Ansible**.
- Managing patches/software upgrades in servers.
- Involved in applying the patch on IHS and WAS in different Environments.
- Automated the deployments to DEV and QA Environments by picking up builds from Jenkins using Ansible.
- Configured Git with Jenkins and schedule jobs using POLL SCM option.
- Responsible for installing **Jenkins master** and slave nodes.
- Cleaning the old logs to increase the disk space in physical boxes.