AWS and DevOps Engineer

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PROFESSIONAL SUMMARY:

➢ Having 3+ years of Experience in Build and Release Engineer.
➢ Currently working on DevOps, Configuration Management and Build Management.
➢ Expertise in Configuration Management, Cloud Infrastructure, Automation it includes Amazon Web Service (AWS), Ansible, Jenkins, Git, Maven, Docker, Kubernetes etc.
➢ Experience in Version Tool like Git, GitHub.
➢ Good knowledge of AWS services like EC2, Elastic Load-balancers, S3, Route53, IAM, Elastic Search.
➢ Expertise in setting up Jenkins and integrating with different tools to achieve the CI/CD.
➢ Managing Build Process using Jenkins Server.
➢ Experience in Build, Package and Deploy to all the environments.
➢ Experience in creating containers with Dockers.
➢ Hands on Experience in Kubernetes And creating the Pods and HPA And creating Kubernetes Cluster and Integrate with the Jenkins and Application Deploy into the Kubernetes Cluster.
➢ Installed and maintained the GIT repositories.
➢ Deployed configuration management and Provisioning to AWS using Terraform script.
➢ Good knowledge on writing Shell Scripts.
➢ Have hands-on knowledge with Ansible and writing Playbooks
➢ Knowledge in AWS EC2 cloud VPC setup and instance creation activities.
➢ Created Cloud Formation Template for main services like EC2, VPC, IAM, for reuse the current environment.
➢ Creating snapshots and Amazon machine images (AMIs) of the instances for backup.
➢ Customer facing- Good communication, presentation and team work skills
➢ Good ability to quickly grasp new concepts and technologies processing problem solving skills as well as hardworking and above all a good team player.

Technical Skills:

Version Control Tools	Git, GitHub
Build Tools	Maven
Continuous Integration	Jenkins
Containerization	Docker, Kubernetes
Configuration Management	Ansible
Scripting Languages	Shell Scripting
Operating System	Linux, Ubuntu & Centos
Cloud Technologies	Amazon Web Services
Monitoring	Cloud Watch, Prometheus
Provisioning Tools	Terraform

Educational Qualifications:

- ➢ B. tech from WITS Engineering College.

Professional Experience:

- ➢ Working as and Build and Release Engineer for CIL INFOSERVE LIMITED from july-2018 to Till Date
- ➢ Working as a System Administrator for CIL INFOSERVE LIMITED from Nov-2017 to june-2018

PROJECTS:

DevOps Engineer:
Role: Build and Release Engineer

Environments: Git,Jenkins,SonarQube,Nexus,Ansible,Docker ,Kubernetes

Roles and Responsibilities:

- ➢ Played key role as Build, Release and Deployment Engineer for the assigned Projects.
- ➢ implemented continuous delivery pipeline involving Jenkins
- ➢ Assisted developers with establishing and applying appropriate branching, labeling convection's using GIT source control
- ➢ Experience in building and Deploying Java web applications and websites in Linux environment On- premise and AWS Cloud.
- ➢ Implemented Continuous Integration using Jenkins.
- ➢ Build automation for daily and nightly builds.
- ➢ Manage the configurations of multiple servers using Ansible.
- ➢ Live sites deployment in apache and Tomcat.
- ➢ Used Jenkins to create jobs for clients to build and deploy QA packages on demand.
- ➢ Installed application on AWS EC2 instances and also configured the storage on S3buckets.
- ➢ Performed S3 buckets creation, policies and also on the IAM role based polices.
- ➢ Developing build and deployment pipelines using Jenkins, Maven for Java applications
- ➢ Involved in Writing **Docker** files to build customized images for creating containers.
- ➢ Collaborated with development support teams to setup a continuous delivery environment with the use of **Docker**
- ➢ Good working knowledge on GIT
- ➢ Responsible for creating and developing the build process environment.
- ➢ Continuous deployments and builds using Jenkins.
- ➢ Creating the Kubernetes PODS and HPA, Application Deploy into the Jenkins.

SYSTEM ADMINISTRATOR:

Project: Integrated Customer platform (ICP)

Platforms: Linux (centos,ubuntu)

ROLE : System administrator.

Roles And Responsibilities:

➤ User Management (creating users ,assigning permissions)
➢ Security Management(assigning file/directory permissions)
➢ Controlling Access to files with Linux file System Permissions
➢ Controlling Access to Files with Access Control lists(ACL's)
➢ Processes administration and Management like monitoring, start/stop/kill various processes.
➢ Monitoring system resources, logs, disk usage, scheduling and monitoring backups and restore.
➢ Monitoring the Servers performance using with performance monitoring tools.
➢ Scheduling jobs using CRONJAB
➢ Configuration of Remote Access utilities, providing user access control like telnet, ftp, ssh.
➢ Adding Disks, Partitions, Swap space management and File System.
➢ LVM and logical volume creating, size extending & reducing.
➢ Daemon & Process Management (Stopping, Starting, refreshing).

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