**AWS and DevOps Engineer**

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 **PROFESSIONAL SUMMARY:**

* + Having 3+ years of Experience in Build and Release Engineering.
	+ 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 Kubernets And creating the Pods and HPA,And creating Kubernets Cluster and Integrate with the Jenkins and Application Deploy into the Kubernets 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 teamwork 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:**

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| Version Control Tools | Git, GitHub |
| Build Tools | Maven |
| Continuous Integration | Jenkins |
| Containerization | Docker, Kubernetes |
| Configuration Management | Ansible |
| Scripting Languages | Shell Scripting,python(basic) |
| Operating System | Linux, Ubuntu & Centos |
| Cloud Technologies | Amazon Web Services |
| Monitoring | E.L.K and Cloud Watch |
| Provisioning Tools | Terraform |

**Educational Qualifications:**

* B. tech from BVSR Engineering College, Ongole in 2016.

**Professional Experience:**

* Working as an AWS & DevOps Engineer for TCS , Hyderabad from June 2018 to till date.
* Working as a Linux Adminstator for Amdocs Pvt Ltd, Pune From February 2017 to March 2018.

**PROJECTS:**

 **DevOps Engineer:**

 **Client:** Market America

 **Role:** Build and Release Engineer

**Environments:** Git,Maven,Jenkins,SonarQube,Nexus,Ansible,shell,Docker,Kubernets

**Roles and Responsibilities:**

* Played key role as Build, Release and Deployment Engineer for the assigned Projects.
* 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 S3 buckets.
* Performed S3 buckets creation, policies and also on the IAM role based polices.
* Developing build and deployment pipelines using Jenkins, Maven for Java applications
* Good working knowledge on GIT
* Responsible for creating and developing the build process environment.
* Continuous deployments and builds using Jenkins.
* Creating the Kubernets PODS and HPA,Application Deploy into the Jenkins.

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 **SYSTEM ADMINISTRATOR:**

 **Project :** Integrated Customer platform(ICP)

  **Platforms** :Windows 7,8, Linux

 **Technology** : Git,Jenkins,Maven,Aws.

 **Database :** Mysql.

 **ROLE** : System administrator.

 **Roles AndResponsibilites**:

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**➢** User Mangement (creating users,assigning permissions)

 ➢ Security Management(assigning file/directorypermissions)

 ➢ Controlling Access to files with Linux file SystemPermissions

 ➢ Controlling Access to Files with Access Controllists(ACL's)

 ➢ Processes administration and Management like monitoring, start/stop/killvarious processes.

 ➢ Monitoring system resources, logs, disk usage, scheduling andmonitoring backups andrestore.

 ➢ Monitoring the Servers performance using with performance monitoringtools like top and psetc.

 ➢ Scheduling jobs usingCRONJAB

 ➢ Configuration of Remote Access utilities, providing user access control like telnet,ftp,ssh.

 ➢ Adding Disks, Partitions, Swap space management and FileSystem.

 ➢ LVM and logical volume creating, size extending &reducing.

 ➢ Daemon & Process Management (Stopping, Starting,refreshing).

 (K.VINODKUMAR).