**Kandukuri Ajay Vamsi**

Mobile: 8885746167

E-mail: ajayvamsisree@gmail.com

**PROFESSIONAL SUMMARY:**

* Having **2** years of Experience as **DevOps Engineer** with CI and CD as per Agile Process in different environments (DEV, RUNWAY, STAGING, NON-PROD and PROD).
* DevOps experience with **Ansible, Docker, Jenkins, JFrog Artifactory and AWS**.
* Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like **GIT Hub, GITLab and BitBucket**.
* Extensively worked on **Jenkins installing, configuring** and maintaining for the purpose of continuous integration (CI) and for End-to-End automation for all build and deployments.
* Hands on experience on installation and Management of Jenkins and AWS Code Deploy, Code pipe line for CI and Sharing Artifacts respectively within the company.
* Hand on experience in delivering container based deployments using **Docker**
* Having knowledge on setting up and managing **Docker private repository**.
* Managing Amazon Web Services (AWS) infrastructure with automation and orchestration tools such as Ansible.
* Proficient in AWS services like **VPC, EC2, S3, ELB, Auto Scaling Groups (ASG), EBS, RDS, IAM and Cloud Watch.**
* Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
* Created and configured elastic load balancers and **auto scaling groups** to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Extensive experience in setting up the **Kubernetes for the Docker** to handle cluster based containers.
* Implemented Testing environments for Kubernetes and administrated the **Kubernetes clusters.**
* Deployed and orchestrated the applications with Kubernetes.
* Integrated Kubernetes with network, storage, and security to provide comprehensive infrastructure and orchestrated container across multiple host.
* Building/Maintaining **Docker container** clusters managed by **Kubernetes.**
* Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, tests deploy.
* Played a key role in automating the deployments on AWS using BitBucket and Jenkins.
* Extensive experience in setting up the CI/CD pipelines **using Jenkins, Maven, JFrog Artifactory, BitBucket and AWS.**
* Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources.
* Written cloud formation templates create custom **VPC,** subnets, NAT to ensure successful deployment of web applications.
* Implemented domain name service (DNS) through **route 53** to have highly available and scalable applications.
* Created **EBS volumes** for storing application files for use with EC2 instances whenever they are mounted to them.
* Experienced in creating **RDS instances** to serve data through servers for responding to requests.
* Created **snapshots to take backups** of the volumes and images to store launch configurations of the EC2 instances.

**EXPERIENCE SUMMARY:**

* Currently working as DevOps engineer at **Wipro Technologies**, in **Pune** from **Oct- 2017** to **till the date**.

**EDUCATIONAL QUALIFICATION:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification** | **Pass out Year** | **Pass Percentage** | **University/College** |
| B.TECH(Information Technology) | 2017 | 72% | Gayatri vidya parishad college of Engineering, Vizag, JNTUK, Vishakhapatnam. |

**TECHNICAL SKILLS:**

* Operating Systems : Ubuntu, Red Hat Enterprise Linux, CentOS and Windows
* Web Server : Apache HTTP Server, Apache Tomcat Server
* Build Tools : Maven
* Version Control : Git, Bit bucket
* Virtualization Tools : Docker, Kubernets
* Configuration Mgmt. Tools : Ansible
* Cloud : AWS
* Tools : SSH, Putty
* Scripting Languages : Shell scripting

**PROJECT #1:**

**Project Name** : CloudTeam-1

**Client** : AVIVA (Insurance)

**Role**  : DevOps Engineer

**Duration** : OCT-2017 – Till date

**Environment** : Java/J2ee,Maven, Linux, BitBucket , JFrog Artifactory, Shell Scripts, Tomcat, Jenkins, Ansible, AWS EC2, S3Cloud Formation, Cloud Watch, EBS, Docker, Kubernetes.

**ROLES AND RESPONSIBILITIES:**

* Worked on Amazon Web Services (AWS) provisioning and hands on experience on AWS administrations like EC2, Elastic Load-balancers, S3, Elastic Beanstalk, Elastic File system, RDS, VPC, Direct Connect, Route53, Cloud Watch and IAM.
* Launching Amazon EC2 Cloud Instances utilizing Amazon Web Services (Linux/Ubuntu) and Configuring propelled examples as for particular applications.
* Setup and build AWS infrastructure with various resources like VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling.
* Configuring and Networking of Virtual Private Cloud (VPC)
* Creating S3 bucket and furthermore overseeing strategies for an S3 bucket and Utilized S3bucket and Glacier for storage and backup on AWS.
* Creating Cloud Watch alerts for instances and utilizing them in Auto-scaling launch configurations.
* Used file module in Ansible playbook to copy and remove files on remote systems.
* Utilized Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Deployed and orchestrated the applications with Kubernetes
* Building/Maintaining Docker container clusters managed by Kubernetes.
* Implemented a Continuous Delivery pipeline with Docker and AWS.
* Evaluated Composers for Docker container orchestration.
* Experience with building containerized applications using Docker images.
* Management and design of integrated build pipelines using continuous integration workflows such as Jira, Git, Jenkins, Docker, and Nexus.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS cloud Watch.
* Involved in configuring AWS EC2 instances on cloud platform using Ansible.
* Developed multiple Ansible playbooks to automate the deployment of the applications to different Prod/ QA Environments.
* Deployed JAVA/J2EE applications into Tomcat Application servers.
* Involved in creation of Build pipeline jobs for Java/J2EE application deployments.
* 24/7 on call supports for emergency site maintenance and immediate build and install requests.