

Kandukuri Ajay Vamsi

Mobile: 8328655744

E-mail: ajayvamsisree1@gmail.com

PROFESSIONAL SUMMARY:

- ✓ Having **3** years and **9** months 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 **Terraform, Kubernetes, Ansible, Docker, Jenkins, JFrog Artifactory AWS and AzureDevops.**
- ✓ Experience in Programming of **Machine Learning Models** in **Python** and **Java**
- ✓ 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.**
- ✓ Provisioning and managing Amazon Web Services (AWS) infrastructure with **Terraform** and orchestration tools such as Ansible.
- ✓ Proficient in AWS services like **VPC, EC2, S3, ELB, Auto Scaling Groups (ASG), EBS, RDS, IAM, CloudFormation 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, Kubernetes
- ✓ Configuration Mgmt. Tools : Terraform, Ansible
- ✓ Cloud : AWS , AzureDevops
- ✓ 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, Maven, Linux, BitBucket, JFrog Artifactory, Shell Scripts, Tomcat, Jenkins, Ansible, AWS EC2, S3, Cloud Formation, Cloud Watch, EBS, Docker, Kubernetes and Terraform.

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.