**Name: Ranjith Kumar Ananthula**

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**PROFESSIONAL SUMMARY:**

• Over 3+ years of experience in "DevOps Engineering" background at Linux environments along with using Git, ANT, MAVEN, Ansible, Jenkins, Docker, Artifactory, and Cloud Engineer on Amazon Web Services (AWS) and DevOps which includes environment setup, automation process, continuous integration, and infrastructure management.   
• Working on Continuous Integration, Continuous Delivery, and Continuous Deployment processes using Git, Maven, Jenkins, Ansible, Shell scripting, Chef, Docker , etc.   
• Hands-on experience on Amazon Web Services.   
• Strong knowledge with HTML 5, CSS3, JavaScript.  
• Strong knowledge in writing, deploying Automation in Jenkins Using ANT scripting.   
• Having experience in Installation/Administration of ANSIBLE   
• Strong knowledge in writing, deploying Playbooks in ANSIBLE using YAML Scripting.   
• Strong Knowledge of Containerization using DOCKER.   
• Good Hands-on experience with installing and configuration of Kubernetes and Manage them.

**.** Implemented Kubernetes to deploy scale, load balance and manage Docker containers with multiple names spaced versions.  
• Kubernetes is being used to orchestrate deployment, scaling and management of docker containers.  
• Having Experience in Configuring and administrating remote Arti factories like Nexus and JFrog with Jenkins2.0 CICD tools   
• Strong Knowledge of configuration and Integration of SonarQube and Sonar Scanner with Jenkins for code quality Management.   
• Experience in server administration, Patching, application integration, and installation.  
• Implementing and setting up Route 53 for AWS Web Instances, ELB & Cloud Front on AWS Environment.   
• Experienced in working with various Python Integrated Development Environments like IDLE, PyCharm, and Sublime Text.   
• Experience in Object Oriented Design and Programming concepts in Python and java.   
• Strong Knowledge of DNS and routing.  
• Good Knowledge of Prometheus, Grafana, and ELK stack.  
• Ability to Quickly Master new concepts, Applications as a team member. Also havegood interpersonal, communication, and presentation skills. Capable of working with teams.  
• Wrote deployment recipes for infrastructure management using Terraform.

**TECHNICAL SKILLS:**

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| --- | --- |
| Languages | Java, C/C++, SQL, MySQL |
| Cloud Computing | AWS |
| Web Technologies | HTML, CSS, JavaScript, XML |
| Source Code Management | Git, GitHub |
| Build Tools | ANT, Maven, Gradle |
| CI Tools | Jenkins |
| Configuration management | Chef, Ansible, Puppet |
| Virtualization Tools | Docker, VMware, VirtualBox |
| Scripting Languages | Python, JavaScript, PowerShell |
| Monitoring Tools | Nagios, Prometheus, Logstash, Kibana, Elasticsearch |
| Web/Application Servers | Tomcat, WebLogic, JBoss and Nginx |
| Operating Systems | Windows, Linux/RHEL |

**PROFESSIONAL EXPERIENCE:**

* Working as the DevOps AWS Engineer in **Sun Icon systems Pvt. Ltd** From **2018 June – Till Date**

**Role & Responsibilities:**   
• Design and develop continuous deployment pipeline, GIT, Jenkins, and Ansible across Linux environments.   
Actively involved in automating SSL Certificate Renewal for Windows and AIX.  
• Involved in writing and deploying playbooks in ANSIBLE TOWER.  
• Automate deployments using configuration management.   
• Automated pipeline job for deployment and Health check downstream job using Jenkins.   
• Implementing Continuous integration setup using Jenkins and GitHub.   
• Assisted as a MASD support analyst to provide access to the required templates in Ansible Tower.  
• Automating the jobs using Poll SCM and web-hooks in Jenkins 2.0   
• SonarQube for source code quality checking.   
• Deployment of war file in JFrog   
• Setup Jenkins installation and configured build & deployment jobs for each application.   
• Involved in making GitHub, nexus, and Jenkins applications LIVE.   
• Continuous integration and continuous delivery setup using Jenkins2.0.   
• Wrote a shell script for appnomic tool to fetch the IP address of the machine.  
• Creating the master-slave configuration in Jenkins 2.0   
• Configuring the security and managing the plugins in Jenkins 2.0   
• Implemented Terraform modules for the deployment of applications across multiple cloud providers.  
• Setup Jenkins installation and configured build & deployment jobs for each application.   
• Deployment of the war in Webapps folder using Ansible in JFrog.   
• Jenkins dashboard creation, plugin installation, view creation, and all administrative activities.   
• Actively participated in Sprint Planning, Daily Scrum, Sprint Review, and Sprint Retrospective meetings. And documenting all the new automation tasks.  
• Creating and managing Development and QA and Production Environment in AWS Platform.   
• Installing and configuring Chef Server, Chef-solo, Creating Chef cookbooks and implementing the latest releases of Chef-solo, and written Chef Recipes to install and configure Nagios for monitoring Infrastructure.  
• Shell script to deactivating and activating of services and automate the regular tasks.  
• Collaborated in the automation of AWS infrastructure viaTerraform and Jenkins -software and services configuration via Ansible playbook.

**Projects:**

**Project-1**

**Role: DevOps Engineer**

• Deployment activities in production.   
• Production meeting with stakeholders (Weekly basis).   
• Providing daily status/SLA report to management w.r.t Incidents/Service requests.   
• Application support activities (L1).    
• Make sure that the Score points for our EC2 instances is more than 90%.   
• Designing and implementing fully automated server build, management, monitoring, and deployment solutions spanning multiple platforms, tools and technologies including Jenkins, Docker, Ansible, Amazon EC2 and packaging, deployment, and testing.   
• Designed, Installed, and Implemented Ansible configuration management system.   
• Working on source control tools like GIT, GitHub.   
• Provided framework for automated deployment in Tomcat environment.   
• Containerizing applications with Docker and Kubernetes. Responsible for managing the Docker private registry.   
• Handled large volumes of container clusters with Docker swarm, Kubernetes and Mesos.  
• Created Docker files and build images and push to the Docker private registry.   
• Worked on creation of custom Docker container images, tagging, and pushing the images.   
• Experience in DevOps Engineering in automating, building, and deploying of code within different environments (Dev, QA, and Prod).   
• Installed and configured Nagios monitor tool performance on all nodes.   
• Remotely coping files using SFTP, FTP, SCP and WinSCP.   
• Handled Major Incidents along with P2, P3 and P4 Priority Cases.   
• Implemented a production-ready, load-balanced, highly available, fault-tolerant Kubernetes infrastructure. And a strong understanding of “HELM”, the package manager for Kubernetes.  
• Used Jenkins and Pipelines, which helped us drive all micro services builds out to the Dockers registry and then deployed to Kubernetes.  
• Test the changes in development servers and generates KPI reports on monthly basis.  
• Working experience in Jira, Confluence and Agile methodology.

**Environment:** AWS, GIT, Jenkins, Docker, Kubernetes, Python, Shell, Ant, Maven, Nagios, Apache Web server, Ruby, Terraform, Ansible.

**Project-2:**

**Role: DevOps Engineer**

**Role & Responsibilities:**

• Used Git for source code version control and integrating it with Jenkins for CI/CD Pipeline, Code quality tracking and user management with build tool ANT.   
• Installed Jenkins in both windows and Linux machine and configuring the paths to all the tools in Jenkins and installing Plug-in in Jenkins as per project requirements and configuring Slaves in Jenkins.   
• Developed Continuous Integration pipeline using Jenkins and developed various Bash and Python scripts for deploying the applications on to the cloud and on-premises VMware vSphere Infrastructure.   
• Building the job for automatic deployment using plugins and setting up users and their relevant permissions on the Jenkins instance.   
• Understanding of networks, firewalls, load balancers, DNS, Active directory and also the knowledge of SSL certificates, SSL handshake, CRL, CA, IIS, HIS.  
• Knowledge of puppet as Configuration management tool, to automate repetitive tasks, quickly deploy critical applications and proactively manage change.   
• Performed Unit testing, Integration Testing, and generating of test cases for web applications using JUnit a test framework.   
• Used Nagios as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes.   
• Developed ANT and Python scripts to automate the Build and deployment process to deploy the web services and developed Python scripts to automate log rotation of multiple logs from web servers.   
• Experience working with Node.js to setup Web API’s using JavaScript.   
• Creating custom, general use modules and components which extend the elements and modules of core Node.js  
• Build Java code on to different Jenkins server as per the schedule and used Ant for building Java/J2EE Applications.   
• Developed automation scripting in Python (core) using Puppet to deploy and manage Java applications across Linux servers.

**.** Provisioned Database Scheme and workflow services for the application.

**Environment:** Git, Ant, Jenkins, Linux, Bash, Python scripts, puppet, Nagios, Junit, Linux/Unix, WebLogic/WebSphere.