

Work Profile

Name: - RaviTeja

B.E (Electrical & Electronics Engineering)

Total Work Experience (Yrs) - 2.5+

Skillsets / Expertise

- DevOps (Cloud) : AWS, Openstack, Mirantis, Azure (Knowledge)
- Languages : Python, Ruby, PHP, Groovy, SQL / PLSQL
- Version Control : Git, GitHub
- Integration : Jenkins, Spinnaker (setup)
- Deployment : Chef, Ansible (Knowledge)
- Containers : Docker, Docker swam, Kubernetes, Rancher, OpenShift(knowledge)
- Application Platform : Zoho Creator
- Testing Tool : JMeter
- WebServers : Apache, Nginx, Tomcat
- Virtualization : Vagrant
- Game Creation : Google Blockly
- Operating System : Linux (Ubuntu / RedHat / CentOS) / Windows
- Monitoring : Datadog, Prometheus, Nagios, Grafana, Splunk (knowledge)
- RDBMS : MYSQL / Oracle

Work Experience

1. Project: - Ops / DevOps Engineer

Manage the DevOps & Ops responsibilities for E-Comm / FinTech Platforms

Responsibilities: -

- DevOps - migration / automation processes / Provide On-call support
- Setup / Config / Monitoring - AWS EC2 - VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling & RDS in Cloud Formation JSON templates.
- Setup / Config / Monitoring - E2E CI / CD Pipelines in Jenkins to retrieve code, compile, perform tests and push build artifacts to JFrog Artifactory.
- Setup / Config / Monitoring - Pipeline in Jenkins using DSL groovy (Jenkins file) / User Acc. Mgmt. / E2E automation for build / deploy including setting up Pipeline jobs and upstream / downstream jobs
- Setup / Config / Monitoring - Kubernetes - containerized applications using its nodes, selector services and deploy application containers as Pods / deploy using groovy on Kubernetes containers
- Setup / Config / Monitoring - Implementing Kubernetes, Minikube, Kubespray & Rancher
- Setup / Config / Monitoring - Setup VPN server
- Create - Python scripts to check functionalities on APIs - OAuth2.0 working of Client id, Secret ID, Access Token and Refresh Token.

- Create - Develop pom.xml files for Maven build scripts
- Create - Python script to get response time from API endpoints of users, tasks, messages and events.
- Create - Dockerized shell script / Shell script to search log files for failures / user record mgmt. on Redis
- Create - Create tenants by posting tenant payload in swagger
- Create - Jenkins DSL scripts & declarative pipeline to deploy Git repo (Artifactory) / Jenkins Bash
- Monitoring & Troubleshooting - Running (Jenkinsfile & Declarative pipeline) / Jenkins stage logs
- Monitoring & Troubleshooting - Apache Dockerfile to check SSL validity/redirect sub-domains openssl
- Monitoring & Troubleshooting - AWS services EC2, IAM, VPC, CloudFront, Route53, S3, Encryption, EBS, Load Balancing, Auto Scaling, API Gateway, CloudWatch, RDS PostgreSQL, CI / CD, Lambda
- Back-up Management - Jenkins jobs and I&C of plugins in Jenkins
- Monitoring - Regular check on API endpoint status using python scripts

2. **Project:** - **DevOps Engineer**

Contribute to both the setup / manage / monitor / troubleshoot issues related to the Dev / Prod / Test environments.

Responsibilities: -

- Setup / Config / Monitoring - Openstack on multinode using Kolla-Ansible / Apache Tomcat Server
- Setup / Config / Monitoring - Mirantis / Jenkins server and configure nodes to Jenkins Server
- Setup / Config / Monitoring – Create Jobs and run on Jenkins nodes
- Setup / Config / Monitoring - chef / Upload cookbook to chef-server and add to chef-client
- Setup / Config / Monitoring – Datadog, Prometheus, Nagios & Instrumental
- Setup / Config / Monitoring - Worked on ServiceNow / Spinnaker setup
- Setup / Config / Monitoring - Build / Run / Push / Pull Docker images using Docker File / Docker Hub
- Setup / Config / Monitoring - Docker containers / yum and apt repository-based package manager
- Integrate - GitHub, Nexus Repository with Jenkins and deploying code on chef node
- Create - calculate diff between two date / time fields (zoho creator)
- Create - automatic update of record from zoho creator via Zapier to google spreadsheet
- Create - python & PHP based web application for keyword mgmt. (google console API-key)
- Create - Google Blockly game / Keywords search using Google Chatbot and Voicebot
- Ticketing Tool - Redmine / functionality Redmine application plugin / JSON data mgmt / Alerting setup
- Create - Shell Scripting - cron jobs / Linux users and ssh-key to the remote users
- Knowledge - Shell scripting and Perl