
PROFILE

Name: - **Ravi Teja**

~3 years of DevOps Experience.

Experience in working on source controller tools GIT and integrating with Jenkins to build the artifacts.

Very good experience in Installation and configuration of continuous integration tool Jenkins.

Hands on working with LDAP configuration. Configuration of Groups, Roles and policies.

Build servers using AWS: Importing volumes, launching EC2, RDS, creating security groups, autoscaling, AMI, load balancers (ELBs) in the defined virtual private connection.

Working knowledge in CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.

Experience in the building of Jenkins pipelines for projects on AWS instances, automating build deploys jobs.

Working knowledge on config management tools like Ansible, Puppet and AWS Cloud Formation Templates.

Participated in all Testing life cycle activities Test plan preparation, Test case designing, Test execution, Test Report preparation and Defect tracking.

Strong knowledge and experience in Amazon Web Services (EC2, S3, VPC, Route53 etc.).

Experience in AWS Cloud Computing Services such as EC2, S3, EBS, VPC, ELB, Route53, CloudWatch, Security Groups, IAM, RDS.

Worked on AWS IAM and Security Groups in Public and Private Subnets in VPC.

Configured Inbound/Outbound in AWS security groups according to the requirements.

Experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies using Jenkins.

Knowledge in load balancing and setting up load balancer and firewall rules in enterprise environment.

Extensive experience using MAVEN as build tools for building of deployable artifacts from source code.

Experienced in Server monitoring, capacity planning, application monitoring with the help of Splunk and Nagios.

Hands on experience in Branching, Merging, Tagging and maintaining across the environments using SCM tools like GIT, Subversion (SVN), Bitbucket.

Strong knowledge on source controller concepts like Branching, Merging and Tags.

Setup code repositories and managed plugins for Jenkins for scheduled automatic checkout of code.

Experience with Application Life Cycle management tools like JIRA.

Experience in all phases of SDLC including requirements analysis, design, development and testing.

Knowledge in installation, configuration and support of WebSphere, JBoss, Tomcat, FTP and Apache Web server.

Expertise in Scrum Methodologies such as Agile and Waterfall methods, software development lifecycle management, continuous integration, build and release management, managed environments.

Good Knowledge in scripting languages like Unix Shell, Java Script, Python to automate the deployments.

Worked in various environments like QA, DEV, TEST, PROD and UAT for various releases.

Proficient in documentation works, Requirement Specification (RS) and Test Case Preparation.

Highly motivated, proactive and quick learner of new technologies and able to work efficiently with minimum supervision.

SKILLS

Version Control System

- Git, GitHub, SVN

Integration Tool

- Jenkins, Spinnaker

Deployment Tool

- Chef, Ansible

Containers

- Docker, Docker swam, Kubernetes, Rancher, OpenShift

Cloud Technologies

- AWS, Openstack, Mirantis, Azure, GCP

Languages

- Python, Java, Ruby, PHP, Groovy, SQL, PLSQL

Application Platform

- Zoho Creator

Testing Tool

- JMeter

Operating System

- Linux (Red hat, Centos and Ubuntu), Windows

Databases

- Oracle DBA, Oracle RAC
- Microsoft

Webservers

- Apache, Nginx and Tomcat

Virtualization Tool

- Vagrant

Game Creation

- Google Blockly

Monitoring Tools

- Datadog, Prometheus, Nagios, Splunk and Grafana

AI

- Google Dialogflow

EXPERIENCE

AWS DevOps Lead

TeleKinetics Network Systems, Mumbai

- Configured Amazon EC2 instances and launching the new instances with same configuration using AMIs.

- Configured and maintained Dependencies for automated build and release. Also Developed pom.xml files for Maven build scripts.
- Built end to end CI/CD Pipelines in Jenkins to retrieve code, compile applications, perform tests and push build artifacts to JFrog Artifactory.
- Created a pipeline in Jenkins using groovy scripting for writing Jenkins file.
- Created Jenkins user accounts for developers.

Constantly worked on taking the back-ups for Jenkins jobs and

AWS DevOps Engineer

Wavity Private Limited, Hyderabad

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- Created a pipeline in Jenkins using groovy scripting for writing Jenkins file.
- Created Jenkins user accounts for developers.
- Constantly worked on taking the back-ups for Jenkins jobs and Installations of plugins in Jenkins as per the Project requirements.
- Extensively worked on Jenkins for continuous integration and for the end to end automation for all build and deployments including setting up Pipeline jobs and upstream/downstream jobs configuration in Jenkins.
- Simplified the process of Jenkins job builds by writing the DSL specified Groovy Scripts for automating the build process.
- Worked on Kubernetes to manage containerized applications using its nodes, selector services and deployed application containers as Pods.
- Involved in DevOps migration/automation processes for build and deploy systems.
- Provide On-call support as scheduled or required.
- Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group,
- Auto Scaling, and RDS in Cloud Formation JSON templates.
- Activated Wavily user development environment tenant.
- Retuned API endpoint status code as 200 with success as output using python script.
- Known the things of OAuth2.0 working of Client id, Secret ID, Access Token and Refresh Token.
- Written python script to get response time in seconds from API endpoints of users, tasks, messages and events.

- Written shell script to search .log files from current location among sub-directories with occurrences of success and failure words along within path existed as well as number of times words appeared.
- Familiarized with PostgreSQL and LDAP server. Populated some users and groups in LDAP server. Returned response with particular user and a group from LDAP server by using python script.
- Created a tenant by posting a tenant payload in swagger.
- Returned all logged in users records from Redis-server of wavity application.
- Dockerized shell script.
- Compared AWS and Azure costs of on-demand and reserved instances of 1 year upfront.
- Worked on setup of VPN server.
- Known the working of site24x7.
- Understanding existing Project.
- Java project integrated and deployed using groovy on Kubernetes containers.
- Written a Jenkins DSL scripted and declarative pipeline to deploy Git repo into Artifactory.
- Identifying Jenkins stage logs problems and debugging.
- Running Jenkins Jobs using Jenkinsfile as well as Declarative pipeline.
- Creating Jenkins Jobs using bash script.
- Checking Dev, Test and Prod environment logs in VPN server.
- Checking Test environment servers space where to load on Tenant.
- Running Build environment job which is running individual developer team branches using multiple scripted pipelines.
- Checked Developer Dropbox connectivity to Wavity App.
- Created latest apache Dockerfile to check SSL validity dates.
- Redirecting sub-domains along with openssl using Dockerfile.
- Checking the cause of Jenkins pipeline failure.
- Worked on AWS services EC2, IAM, VPC, CloudFront, Route53, S3, Encryption, EBS, Application Load Balancing, Auto Scaling, API Gateway, CloudWatch, RDS PostgreSQL, Elastic Cache Redis, CI/CD, Lambda.
- Implementing kubernetes, Minikube, Kubespray and Rancher

DevOps Engineer

nCodeIT Private Limited, Hyderabad

- Installed Openstack on multinode using Kolla-Ansible.
- Installed Mirantis.

- Installing Jenkins server and configuring the nodes to Jenkins Server.
- Creating jobs and running on Jenkins nodes.
- Integrating GitHub, Nexus Repository with Jenkins and deploying code on chef node.
- Setting up of chef environment.
- Uploading cookbook to chef-server and adding to chef-client.
- Building and Running Docker images using Docker File.
- Pulling and pushing docker images with Docker Hub.
- Interacting with Docker containers.
- Fetched the requirement data from Redmine application to the new application using API.
- Checking the functionality of a Redmine application plugins.
- Created application to calculate the seconds difference between two date and time fields using the zoho creator application.
- Established the automatic update of record from zoho creator via Zapier to google spreadsheet.
- Created python and PHP based web application for fetching keyword related data from google using google console API-key.
- Processing JSON data received from Redmine and display it in tabular format.
- Redmine alerts and assistance system – setup.
- Google Blockly game creation.
- Keywords search using Google Chatbot and Voicebot.
- Configured Datadog.
- Setting up monitoring tools like Datadog, Prometheus, Nagios and Instrumental app.
- Experience with Tomcat Server.
- Worked as a SCRUM Master on Application Development.
- Using Linux copying files to remote machine.
- Worked on yum and apt repository-based package manager.
- Written corn jobs.
- Creating Linux users and copying ssh-key to the remote users.
- Worked on ServiceNow.
- Knowledge on Spinnaker setup.
- Knowledge on AWS.
- Knowledge on Shell and Perl.
- Knowledge on QA and Unit Testing.
- Knowledge on Storage, Virtualization.

- Trained on Jenkins, Docker, Chef, JMeter, Redis, Python and Ruby on Rails.
- Given Workshops on Jenkins and Docker.
- Attended Workshops on Git, GitHub, Chef, Vagrant, Ruby and PHP.

TRAINING

Core Java

2017

Naresh IT Technologies, Hyderabad

- knowledge on Java Basics.
- Working with Java Data Types.
- Using Operators and Decision constructs.
- Creating and using arrays.
- Using of Loop constructs.
- Working with Methods and Encapsulation.
- Working with Inheritance.
- Handling Exceptions.
- Working with selected classes from the Java API.

Oracle DBA Real Time Project

2017

Vipulaa Technologies, Hyderabad

- Writing SQL statements, Sub-queries like equal-joins, non-equal joins, left joins, right joins and other types of joins.
- Creating cluster tables and index on cluster table columns.
- **UNIX Cron-Jobs.**
- Using ORACLE utilities such as **Import/Export, SQL*Loader, netca, impdp/expdp** and **SQL*PLUS**.
- Installing Oracle database for version 11g on Linux platform.
- Creating tablespaces and monitoring their growth and Resize or add more data files to database or tablespaces for space related issues in Oracle Database 11g on Linux platform.
- Taking the online and offline backups on weekly and Monthly basis.
- Taking the backup of the databases using RMAN.
- Created Users, Roles, Profiles and granted privileges and profile to users.
- Troubleshooting any SQL related issues in Client Servers.

Oracle RAC

2016

Wilshire Software Technologies, Hyderabad

- Understanding Oracle RAC Architecture.
- Installed and configured of 2 node 11gR2 RAC.
- Administering the RAC databases using SRVCTL, CRSCTL.
- Migrating Non RAC database to RAC database.

Oracle DBA

2015

Wilshire Software Technologies, Hyderabad

- Understanding of Oracle 11g Architecture.
- Installation of Oracle on RH Linux.
- Creating Databases using various methods (manual, dbca).
- Granting Roles and privileges to users.
- Creating Profiles.
- Modification of Databases, Addition of Tablespaces, Datafiles and Modification of Tablespaces, Datafiles.
- Recovery Manager (RMAN), performed automatic full and incremental backup.
- PITR (point-in-time recovery through) COLD, HOT and RMAN backups.
- Performing Database cloning using Cold / Hot /Rman.
- Logical backup's using oracle utilities like exp/imp, expdp/impdp.
- Knowledge about Oracle 12c, and how to create container database, pluggable databases and cloning of pluggable database.
- Knowledge about taking backup and performing recoveries of Oracle 12c using RMAN.

EDUCATION

Tirumala Engineering College, JNTU

2011 - 2015

Hyderabad, Telangana

- B. Tech in EEE, 66%

Board of Intermediate

2009 - 2011

Hyderabad, Telangana

- MPC, 68%

Secondary School Certificate

2009

Hyderabad, Telangana

- 65%