

**R Seenu**

**Sr Devops Consultant**

Having experience of 3.**5** years in **IT** industry and **3+** years relevant experience in **DevOps** Engineering i.e. automating, building, deploying and releasing code from one environment to another environment.

* Integrated Build Process through Jenkins to various **SCM** tools like **Git** and **Subversion**.
* Good experience in creating and configuring new Build jobs, Plug-ins Management, distributed builds using Master/Slaves and other administration tasks in **Jenkins**.
* Strong experience on implementing Ansible and Ansible AWX UI in Dev and Production Environments.
* Good experience on Infrastructure automation using **Ansible playbooks**.
* Having good knowledge on AWS cloud formation templates.
* Worked on **Terraform** configurations for AWS resources provisioning and have done automations using the TF scripts.
* Experience in troubleshooting any issues generated while build and deployments.
* Worked with Jenkins under the **CI/CD** pipeline providing continuous improvement to agile software development teams.
* Worked on creating docker **containers** by using docker **images**.
* Have worked on docker files to build docker images and push it to public and private registries.
* Played a key role in automating the deployments on AWS using GitHub, Jenkins, Ansible and **Terraform**.
* Ability to write custom modules for Ansible using Python.
* Used Ansible modules for Infrastructure, Cloud, VMware and automations.
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and teamwork environments.
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Experience in **Apache Tomcat** configuration.
* Excellent Customer interaction skill, commendable aptitude to learn new technologies and an excellent team player.
* Ability to build and monitor services on production servers and **package management.**
* Has experience in **Python** scripting with focus on DevOps tools, CI/CD and AWS Cloud Architecture and hands-on Engineering.
* Strong Experience in Amazon EC2 setting up instances, VPCs, and security groups.
* Excelled on creating **AMI** (AWS Machine Images) that utilizes **ELB** (Elastic Load Balancer) and Auto Scaling.
* Having good experience in DevOps tools like **Ansible** & **CHEF** for deployment.
* Utilized **Cloud Watch** to monitor resources such as **EC2, CPU memory, AMAZON RDS DB services and EBS volumes**; to set alarms for notification or automated actions; and to monitor logs for better understanding and operation of the system.
* Knowledge on working with **Docker** containers infrastructure and Continuous Integration for building & deploying Docker containers.
* Automated Start/Stop of non-prod instances to reduce cost.
* Experience in using bug tracking tools like **REMEDY and Jira.**
* Enthusiasm for solving problems and willingness to learn new things.
* Supporting QA during testing, and oversight during Implementation into production.
* Have worked on Agile culture, Sprints and methodologies.

# **Skill Set**

**Operating systems** Red hat Linux 6.x/7.x, CentOS and Windows

**Cloud** AWS (EC2, Elastic Block Storage, S3, ELB, Elastic File system, Virtual Private Cloud-VPC, Route53, Security Groups, Kinesis Firehose, Network ACL’s, NAT Gateway, Lambda Functions and Cloud Watch and IAM)

**Versioning tools**  GIT andSVN

**Backup/Recovery** Tar, Dump

**Job Scheduling Tools** AWX, CRON, BATCH, AT

**Monitoring Tools** Nagios

**Bug Reporting Tools** Remedy, Jira

**Languages** Basic Python

**CI/CD Tools & Virtualization** GIT, Maven/Ant, Jenkins, Chef, Ansible, Terraform and Docker

**App/Web Servers**  Apache Tomcat 7.x and JBoss7.x

**Databases** MySQL and MongoDB

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# **Recent Projects**

**Project #2**

**Project** Legato Health Technologies

**Environment** GitHub, Jira, Ansible, Ansible AWX, VMware.

**Period** Dec 2018 – Present

**Role**  DevOps Engineer

**Contribution and Responsibilities:**

* Worked on Capacity planning and management for the Legato.
* Strong experience on implementing Ansible and Ansible AWX UI in Dev and Production Environments.
* Worked on creating docker **containers** by using docker **images**.
* Setting up Ansible Dev environment for the Operations team.
* Integrating LDAP server in Ansible AWX and managing users and roles.
* Worked on Infrastructure automation using Ansible playbooks.
* Ability to write custom modules for Ansible using Python.
* Used Ansible modules for **Solid fire**, Infrastructure, Cloud, VMware and **OCP** automations.
* Writing Ansible playbooks for Infrastructure automations like VM creation, assign VLAN/Port Groups to VM, Migrating VM’s from one Cluster to another Cluster, Gathering configurations to DB (like Host profiles and Configurations of Cluster).
* Worked on agile scrum by following grooming, planning and demoing the user story.
* Worked on Telegraf, InfluxDB and Grafana to portray the metrics of Compute, N/w and Storage devices.

**Project #1**

**Project** IOT – Vodafone

**Environment** AWS, GitHub, Jira, Ansible, Terraform, Kinesis Firehose, AWS Lambda, IAM, KMS.

**Period** Dec 2017 – Dec 2018

**Role**  Associate Consultant

**Contribution and Responsibilities:**

* Hands on experience in creating and configuring AWS resources like S3, EC2, Kinesis and configurations in different AWS regions using **Terraform v0.11.11**.
* Extensive experience includes SCM, DevOps Build/Release Management like Maven, Jenkins and Change/Incident Management and Cloud Management.
* Experienced in Cloud automation using **Terraform** configurations.
* Plan, deploy, monitor and maintain Amazon AWS cloud infrastructure consisting of multiple EC2 nodes as required in the environment.
* Used AWS, Creating, Importing and launching volumes, **EC2**, **Lambda**, security groups, auto-scaling, load balancers (**ELBs**).
* Installed and Configured Jenkins for Continuous Integration.
* Experienced in Chef, Ansible and Terraform for Deployment on Multiple platforms.
* Hands on experience on Terraform a tool for building, changing, and versioning infrastructure safely and efficiently.
* Worked with Terraform to create AWS components like EC2, **IAM**, ELB, Security groups, **S3** buckets, Glue Crawler.
* Worked on deploying AWS lambda layers and functions using Terraform.