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| **Devops Consultant -Pune** | |
| **Candidate Name** | Narendra Reddy Kurri |
| **Current Company** | Sampark Softwares Pvt Ltd |
| **Current Designation** | Devops Engineer |
| **Current Location/Native** | Andhra Pradesh |
| **Education** | B.Tech |
| **Experience** | 4.10 Years |

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| **skills (Devops Consultant)** | **Years of Experience** |
| Devops | 4 years |
| Jenkins | 4 years |
| CI/CD | 2 years |
| Ansible | 2 years |
| Kubernetes | 2 years |
| Scripting like Shell/Python/Groovy/YAML & DSL scripts | Shell 3 years |
| Git | 4 years |
| Docker | 3 years |

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# ****Narendra Reddy Kurri****

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**Career Details:-**

* **Work Experience : 4.10years.(DevOps Engineer, AWSand Linux Administrator).**
* **Work Details :Linux Administrator, flavors including Red hat, Centos, Git, Jenkins, Maven, Ansible, kubernates, Docker.**

**Professional Summary :**

* Strong experience in working in Linux (red hat, Ubuntu and centos) environment.
* DevOps Engineer with 4 years of experience in Software Development Life Cycle (SDLC) including requirements analysis, design specification.
* Extensive experience in using Version control systems includes GIT and code commit.
* Experience in developingContinuous Integration/ Continuous Delivery pipelines (CI/ CD).
* Expertise in using builds tools like MAVEN for the building of deployable artifacts such as JAR from source code.
* Experience in using Nexus and Artifactory Repository Managers for Maven builds.
* Experience is using Tomcat Application servers for deployments.
* Hands-on experience to build and handle VM’s, Containers utilizing tools like [Kubernetes](https://mindmajix.com/kubernetes-tutorial), Docker.
* Setting up alerting and monitoring of our infrastructure using Prometheus and grafana.
* Develop automation and processes to enable teams to deploy, manage, configure, scale and monitor their applications in data centers and cloud.
* Hands-on experience in using configuration management tools like Ansible.
* Cloud services like Amazon Web Services (AWS) VPC, EC2, ELB, Auto Scaling, S3, IAM, Cloud Watch.
* Creation & management of EC2, S3, Identity & Access Management Other AWSServices
* Managing storage requirements using Amazon S3 service.
* Taking periodical snapshots of EC2 instances for recovery. Creating AMI from Snapshots and Launching Instances from AMI.
* Configuring firewalls using security groups and route tables in AWS.
* Configure and manage Private and public subnets using VPC service.
* Configure auto scaling of servers based on load and performance.
* File system management using EBS.
* Implement best security practices to harden the OS and application security.
* Creating S3 Buckets and configuring Versioning and Life Cycle Management.
* Creating and Managing Users in IAM, Including Configuring Policy and Roles.
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM) processes, which include compiling, packaging, deploying and Application configurations.
* Ability to work directly with all levels of Management to gather user requirements.
* Creating the File system, Mounting and Unmounting the File Systems.
* Implementing STICKY BIT, SETGID in group level, and SETUID in user level.
* Creating and managing the SWAP space management.
* Configuring and Managing Logical Volume Manager (LVM) Creating, adding, removing and resizing of Logical Volumes as per the requirement.
* Monitoring System Performance issues by using TOP. Managing the CPU, memory and system uptime and swap management.
* Scheduling jobs by using CRONTAB Service.
* Backup and restore the data by using Tar and Gzip.
* Start, stopping, enables the services by using service and chkconfig.
* Maintaining Production, Testing, development File Systems.
* Installing and managing the Packages by using RPM and YUM. Using Yum repository server for centralized package distribution.
* Accessing the shell remotely by using SSH. And Creating Password less SSH login copy the files and directories by using SCP and RSYNC...

**Technical Skills :**

**Operating System :**Linux (red hat, centos and Ubuntu), UNIX, Windows.

**Version Control Tool :**GIT, codes commit.

**CI/CD Tools:** Jenkins.

**Build Tools :** Maven.

**Web/Application Server :** Tomcat.

**Web Server :** Apache.

**Configuration Management Tools :** Ansible.

**Static code analysis :** Sonarqube.

**Container Tool :** Docker, Kubernates.

**Logging/Monitoring :**Prometheus, grafana

**Cloud Platform :**AWS EC2, VPC, EBS, S3, EBS, code commit, ECR, EKS, cloud watch, SNS, auto scaling and ELB.

**Scripting :** Knowledge on Shell scripting.

**Academics:**

* **B.Tech** in Computer and Science Engineering from JNTUK University.

**Professional Experience :**

* Working as a **DevOps Engineer**with **AWS**at**Sampark Softwares Pvt ltd**in**Gurugram**from **Aug 2019**to**Nov 2020.**
* Worked as a **DevOps Engineer**at **Mar labs**in**Bangalore** from **Jan 2016**to**Aug 2019.**

**Project 1 : Safexpress**

Role : DevOps/AWS Engineer

Environment :code commits, Maven, sonarqube, junit, Dockerfile,ECR, Jenkins, Kubernates (EKS), and AWS.

Duration : Aug 2019 to Nov 2020.

**Responsibilities :**

* Create and maintain automated CI/CD pipelines for code deployment using Jenkins tool.
* Good hands-on knowledge of Source Code Management (Version Control System) tools like Git and Subversion
* Developed automation framework for Application Deployments to the cloud environments
* Creating new build jobs, Integration testing jobs and deploy jobs in Jenkins to automate the process...
* Using Maven as build tool on Java projects for the development of build artifacts on the source code.
* Used npm tool for Anglers applications.
* Used SonarQube for code coverage..
* Responsible for creating, managing **Docker files**.
* Hands-on experience to build and handle VM’s, Containers utilizing tools like kubernates and Docker.
* Hands-on experience in using configuration management tools like Puppet, SaltStack, Ansible, etc.
* Hands-on experience in building, designing and maintaining cloud-based applications with AWS etc.
* Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups (ASG), EBS, RDS, IAM, Cloud Watch and EKS.
* 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.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.
* Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
* 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 topics in SNS to send notifications to subscribers as per the requirement.
* Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
* Written cron jobs to perform operations at a scheduled time.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Performed and deployed Builds for various Environments like DEV, QA, UAT and Productions Environments

**Project 2 : ipsidy**

**Role : Devops/AWS Engineer.**

**Environment :** Jenkins, Maven, git, Tomcat.

**Duration :Jan 2016 toAug 2019.**

**Responsibilities :**

* Setting up Jenkins master, adding the necessary plug-in and adding more slaves to support scalability and agility.
* Build the code using build tool Maven.
* Planning and setting up of Continuous Integration for various properties on Jenkins with Commit, Component, Assembly, Deploy and Smoke jobs.
* Branching, Tagging, Release Activities on Version Control Tools: git
* Setting up commit builds to check for compilation failures of checked-in source code by the developers to accelerate CI.
* Assembly, deploy jobs to list the exact configuration of packages with all their dependencies, settings and deploying them to various environments for running tests.
* Working with the development team to increase the unit test code coverage.
* Establish CI/CD for trunk and branches to support parallel development.
* Planning the releasing activities and delivering them on schedule.
* Managing nightly builds, weekly builds, feature addition builds and Sales Candidates.
* Integrating the latest available changes / components to the product software.
* Creating software packages for factories.
* Automation of day-to-day, repetitive tasks.
* Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups (ASG), EBS, RDS, IAM, Cloud Watch.

**Declaration :**

I hereby declare that the information furnished above is true to the best of my knowledge and belief.