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| **Sr QA Engineer - Noida** | |
| **Candidate Name** | Prasanna Nayak |
| **Current Company** | TCS |
| **Current Designation** | Devops Engineer |
| **Current Location/Native** | Bangalore |
| **Education** | B.Tech |
| **Experience** | 3.4 Years |

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| **skills (Devops Consultant)** | **Years of Experience** |
| Devops | 3 years |
| Jenkins | 1 year |
| CI/CD | 1 year |
| Ansible | 1.9 years |
| Kubernetes | 6 months |
| Scripting like Shell/Python/Groovy/YAML & DSL scripts | Python 6 months |
| Git | 2 years |
| Docker | 2+ years |

**PRASANNA NAYAK** Ph.no:**7873458040**

DevOpsEngineer [E-mail:**nayakprasanna007@gmail.com**](mailto:nayakprasanna007@gmail.com)

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**PROFESSIONAL SUMMARY:**

* Over 3+ Years of progressive, professional experience in DevOps, AWS and Software Configuration Management, which includes Buildsetup, Continuous Integration, Source Code Management processsetup.
* Hands on Experience in DevOps tools like **Git, GitHub,Jenkins, Ansible, Docker,Kubernetes.**
* Experience in using source code management toolGIT.
* Hands - on experience in Automation of the build process(Build Automation) using Git, Maven andJenkins.
* Experience in using Nexus Repository to store the Buildartifacts.
* Experienced in large production environments usingconfiguration management tools like**Ansible.**
* Write Playbook, Modules and utilized community Playbooks aswell.
* Working experience in the Linuxenvironment.
* Write scripts using **Python** for automating somesteps.
* Knowledge in creating containers withDocker.
* Managing pods in the **Kubernetes** cluster andperforming rolling-updates based onrequirements.
* Deploying the JAR and WAR into Tomcat ApplicationServer.
* Knowledge in Amazon AWS Cloud which includes services like:**EC2, S3, EBS, VPC, ELB, Auto scaling, IAM, SNS** and **SecurityGroups.**
* Good interaction with developers, managers, and team membersto coordinate job tasks and strong commitment towork.
* Ability to learn new technologies and hardworkingindividual.

**TCS-**Devops Engineer Jul 2017 to Till Date

Working on Configuration Management, Write Dockerfile and upload them into git. Maintaining Kubernetes cluster. Responsible for CI-CD.

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# Technical Skills:

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| 1. | Source Code Management Tool | **GIT** |
| 2. | Continuous Integration Tool | **JENKINS** |
| 3. | Configuration Management | **ANSIBLE** |
| 4. | Operating Systems | **WINDOWS, LINUX** |
| 5. | Artifactory Server | **NEXUS** |
| 6. | Container Services | **DOCKER** |
| 7. | Cloud Technologies | **AWS** |
| 8. | Container Orchestration Tool | **KUBERNETES, DOCKER SWARM** |

**EDUCATIONAL BACKGROUND**

* + B. Tech with CGPA 7.2 from BPUT University.

# Work Experience:

**Project # 1:**

Client: Citigroup

Role: DevOps Engineer Duration: SEP 2019 – Till date

Technologies: Git, Jenkins, Ansible, Docker, Kubernetes, EC2, VPC,S3, IAM, SNS, Cloud Watch, EBS, CloudFront, Autoscaling, Elastic Load Balancer.

# Roles and Responsibilities:

* CreatingDockerimagesandcontainers,writingDockerfilesfordifferent requirements.
* Configuring the Ansible in Ubuntu and Red Hat machine andmodified as per the requirement of project basis and providing as per the different requirements from the differentteam.
* Creating Ansible roles for resolve of differentissues.
* Writing the playbook for differentenvironment.
* Maintaining configuration management on 63+ virtual machinesin multiple accounts spread across multipleregions.
* Participate in meetings to understand customerrequirements.
* Maintaining EC2 services like launching instances, attachingvolumes, configuring security groups, monitoring EC2instances.
* Launching VPC, creating subnet in the VPC, launching EC2instances and RDS database instances, configuring and maintain the route table, internet gateway within theVPC.
* Creating IAM roles with requiredpolicies.
* Configure the SNS as per therequirements.
* Creating S3 buckets with required configuration as wellas implementing version control, cross regionreplication.
* Configure Jenkins to upload artifacts in S3 bucket through thepipeline.
* Integrating SonarQube with Jenkins for qualitycheck.
* Configuring Jenkins for a complete automation solution fromcontinuous build to continuousdelivery.
* Integrating Jenkins with Docker to push the image into Dockerhub.
* Managing pods in the Kubernetes cluster and addingPersistentVolume for storingdata.
* Job Scheduling throughCrontab.
* Integrating Docker with Ansible for some requiredservers.
* Writing shell script for dockerfiles for creating 10 sameimages.

# Project # 2:

Client: MTN Group

Role: Cloud Engineer

Duration: July 2017 – August 2019

Technologies: AWS services EC2, VPC, IAM, S3, ELB, Autoscaling, EBS, Git, Docker, Ansible

# Roles and Responsibilities:

* Worked with GIT to manage source code repositories andperformed branching, merging, and rebasing depending onrequirements.
* Worked on EC2 like creating and managing instances of alltypes.
* Worked on all kinds of EBS volumes andsnapshots.
* Created users and an IAM role for different groups andusers.
* Managed the VPC by creating own CIDR blocks, subnets,assigning ip’s and launching instances onVPC.
* Worked in configuring Auto Scaling groups according torequirements.
* Configured software like tomcat, apache, ftpetc.
* Worked on branching, rebasing, merging onGit.
* Have done POC in AWS with Docker and created docker-composefiles as perrequirements.
* Created AMIs for different types ofenvironments.
* Attended various training on GIT, Docker,Ansible.
* Created playbooks for different servers and managedthem.
* Configured security groups based on client requirements toallow/deny the traffic based upon ports,protocols and IPaddresses.
* StoringLogsandfilesusingS3bucketbyusingversioncontrolling.
* Monitored and worked on alerts sent by cloud watch on variousissues related to server availability, disk issues, CPU, memory, processes,etc.
* Attached Volumes and taking backup’s as per customerrequest.
* Created users and groups in Linux and gave permission tothem.
* Managed file system in linux servers based onrequirements.
* Installed Red Hat in vmware from scratch and created a yumrepository.
* Configured nfs in Red Hat and managed filesharing.