**L.PRANAY KUMAR REDDY**

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**OBJECTIVE**

Seeking a challenging position in a cloud environment within a large exciting company where my extensive professional and practical experience will be fully utilized for Infrastructure/DevOps Professional.

**PROFESSIONAL PROFILE**

Over 3+ **years of experience** as **Devops Engineer** with technical expertise in Build and Release Management, Continuous Integration and Deployment, Software Configuration Management.

Hands on experience with Version Control Tool like **GIT.**

Good experience in **GitHub**and configure git with Jenkins and schedule jobs using **POLL SCM** option.

Expertise in using build tools like **Maven** for building of deployable artifacts such as War & Ear from source code.

Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.

Creating new Build Jobs, **Plugins** installation and management, setting up **master/slaves** using Jenkins.

Good experience in Continuous integration using the **Pipeline** View.

Have a good experience on Code Quality Analysing to **SonarQube**.

Experience in using **Nexus** Repository Manager forMaven builds.

Good experience in **Dockerizing** the applications.

Expertise in **Dockerfile**, creating **Docker images** and configuring the **Docker containers**.

Good experience on configuring **Docker** private registries to maintain Docker images.

Experience on creating and configuring **Docker volumes**.

Expertise in creating Docker-Swarm Cluster, Volumes and Networks.

Having good knowledge on writing Docker Compose files and deploying Docker services in Docker Swarm Cluster.

Expertise on creating Kubernetes manifest files like **Daemon Set,ReplicationController**,**Replication Set** and **Deployments.**

Have good experience on creating and congiguring**Persistent Volumes** and **Persistant VolumeClaims**.

Strong experience in **Kubernetes cluster** setup and deploying applications in Kubernetes cluster.

Implementing **CI/CD** using **Jenkins, Docker** and **Kubernetes**.

Responsible for the deployment on Linux for **Dev**and **QA** environment.

Experience in writing **Ansible playbooks, Ansible Roles** for configure management, **Sharability** and **Reusability** in **Ansible**.

Hands on experience in **AWS** cloud such as creating **EC2, ELB, EBS, EFS, IAM, Auto Scaling** and Security Groups.

Performed continuous Build and Deployments to multiple environments like **Dev**, **QA**.

Experience in Software methodologies like **Agile methodology**, successful in working with team for higher quality deliverables.

Good experience on **JIRA** ticketing tool.

PROFESSIONALEXPERIENCE

Working as a DevOps Engineer in Cognizant from 2018 to till now.

EDUCATION

B.Tech in JNTU Ananthapur (2013-2016).

* Diploma in SBTET Hyderbad (2010-2013).

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**TECHNICAL SKILLS**

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| Operating System | Linux (Centos, Ubuntu) |
| Version Control Tool | Git, GitHub |
| Build Tool | Maven |
| Code Quality Analysis Tool | SonarQube |
| Artifactory Storage | Nexus |
| Application Servers | Tomcat |
| Continuous Integration | Jenkins |
| Configuration Management Tool | Ansible |
| Containerization Tool | Docker |
| Container Orchestration Tools | Kubernetes, Docker Swarm |
| Cloud Services | AWS (EC2, S3, EBS,EFS,ELB,IAM) |
| Scripting Language | Shell Script |
| Bug/ Defect Tracking Tool | JIRA |
| Monitoring Tool | EFK |
| SSH Client Tool | Putty |

**CAREER HIGHLIGHTS & EXPERIENCE**

**PROJECT#2:**

**Title : DevOps Engineer for DeutscheBank**

**Company : Cognizant Technology Solutions India Ltd**

**Technologies : Git, Maven, Linux, Sonarqube, Nexus, Jenkins, Docker, AWS, Kubernetes, Ansible**

**Contributions**

Creating GitHub repositories and specified branching strategies that best fitted the needs for the client.

Configured GitHub with Jenkins and schedule jobs using Poll SCM, GitHub Web hooks and Build Periodically option.

Responsible for Continuous integration using the Pipeline View.

Defined dependencies and plug-ins in Maven pom.xml for various activities and integrated Maven with GitHub to manage and deploy project related tags.

Analysis of Source code using SonarQube.

Uploading Build Artifacts into Nexus Repository.

Uploading Artifacts and Docker images to Nexus remote repository.

Designed and managed CI/CD workflows using tools such as Jenkins, ansible

Work cross-functionally across Infrastructure, Development and QA teams to build processes around change control and release management to help deliver products to market in a rapid, repeatable, and consistent manner.

Used AWS Services like S3, EC2, VPC, ELB, IAM and Auto-Scaling.

Writing manifest files like Replication Controller, Replica Set, Daemon Set and Deployment.

Scale up the Pods and scale down the pods using HPA.

Creating Name spaces in Kubernetes cluster.

Creating Kubernetes Cluster and adding worker node to master node.

Build an understanding of all aspects of the cloud platform including network ingress, monitoring, alerting, RBAC, and multi-region deployment.

Configuring multiple servers using Ansible.

**PROJECT#1:**

**Title : DevOps Engineer for SMART BOUGHT HUB**

**Company : Cognizant Technology Solutions India Ltd**

**Technologies : Git, Maven, Jenkins, Linux, Tomcat, Docker,DockerSwarm and AWS**

**Contributions:**

Administration of GitHub includes creating branches, tagging, access permissions.

Maintaining GitHub code repository.

Automated the code deployment process in each environment (Dev, QAand Pre-Prod).

Defined dependencies and plug-ins in Maven pom.xml for various activities and integrated Maven with GitHub to manage and deploy project related tags.

Implementing CI/CD jobs using Jenkins Pipeline.

Dockerizing the applications and creating volumes.

Used AWS services like S3, ELB, EC2, EFS and IAM.

Configuring the Docker containers and creating Docker files for different environments.

Creating DockerSwarm Cluster and Deploying docker services in DockerSwarm.

Perform Build activities using DockerSwarm.

Installing New Relic on DockerSwarmto moniter the DockerSwarm nodes.

Place : Bangalore

Date : (**Pranay Kumar Reddy)**