**AWS with DevOps Engineer**

**Name: Naresh K Phone: +91-9052122222**

**Mail:** **nareshdevops66@gmail.com**

# CAREER OBJECTIVE:-

To acquire the position of a **DevOps Engineer & Build and Release Engineer** in a well-established organization where I can utilize my knowledge in information technology field for the betterment of the organization.

**EXPERIENCE ABILITIES:-**

* Over all IT **5.4** years of Experience and **3 years of** Progressive **Experience** in **DevOps.**
* Setting up and maintaining **CI & CD** pipelines and delivering releases for multiple Applications running on both Linux based distributed Infrastructure.
* Hands on experience in configuration management, **DevOps,** and Infrastructure management with automation tools.
* Hands on experience on version control system tool (**GIT).**
* Working knowledge of branching and merging code lines in the **GIT** and resolved all the conflicts raised during merging.
* Expertise on installation, configuration and administrate the continuous integration tool **Jenkins**.
* Created automated build and release environment using continuous integration Tools **Jenkins.**
* Implemented the setup for **Master and Slave** architecture to improve performance of **Jenkins**.
* Hands on experience in using **Maven** build tool for building of deployment artifacts (war files) from source code.
* Having Experience **CI&CD** Process for automating the Jenkins jobs.
* Hand on experience on creating pods, deployment file and replica set and replication controller.
* Managed **Docker** orchestration and **Docker** containerization using **kubernetes**.
* Familiar on **GIT** to store developer code in **Github**.
* Knowledge in **Python**.
* Good experience and Knowledge on **Shell, Yaml, Groovy Scripting.**
* Good Knowledge on **Azure ARM Templates** creations.
* Experienced in system configuration tool **Ansible**.
* Hands on experience working with **Ansible** both in infrastructure management and Application management. Manage multiple nodes remotely using Ansible.
* Have experience in deploying various Environments through the **Docker** containers.
* Have hands on experience on **Sonarqube** for code coverage .
* Well versed in creating **Ansible** playbooks, roles, applies to server and manages the nodes.
* Have good Hands on experience with various Services of AWS**: EC2, ELB, SNS, RDS, VPC, ECR, IAM, Route53, Auto Scaling and CloudWatch etc.**
* Capable of creating the company’s **DevOps** in a mix environment of Linux **(RHEL, Ubuntu)** servers along with creating and implementing a cloud strategy based on Amazon web services.
* Possess excellent communication and interpersonal skills, work under pressure and meet deadlines.

**ACADEMIC QUALIFICATIONS:-**

* Bachelor of Technology from **JNTU** Hyderabad in 2015.

**Professional Experience:-**

* Working as a **DevOps Engineer** at **Iron Mountain** from **May-2018** to **till date**.
* Worked as a **Test Engineer** at **CitiusTech** from **Jan-2016 to April- 2018**.

**TECHNICAL SKILLS:-**

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| **Clusterization Tools** | **Kubernetes, Docker Swarm** |
| Source Code Management Tool | **GIT,SVN, GitHub** |
| Build Tool | **Maven** |
| Continues Integration Tool | **Jenkins** |
| Cloud Technologies | **AWS (EC2, VPC, IAM, IG, ROUTE53, ELB, RDS, S3),Azure** |
| Scripting Languages | **Shell, Yaml, Groovy Scripting** |
| Configuration Management | **Ansible** |
| Container Orchestration Tool | **Docker** |
| Virtualization Technology | **VMware** |
| Operating System | **Linux [REDHAT, Ubuntu]** |
| Web Server | **Apache Webserver** |
| Monitoring Tools | **Cloud Watch** |

**EMPLOYMENT HISTORY:-**

**Project Details: -**

**Project–2: -**

**Role: DevOps Engineer.**

**Date: Jan-2020 to till date.**

**Environment: AWS, Kubernetes, Docker, Ansible, Git, Jenkins, Maven, Apache Tomcat.**

**Roles & Responsibilities:-**

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* Installed **Jenkins on a Linux machine** and created a master and slave configuration to implement multiple parallel builds through a build farm.
* **Used Global tool configuration** option for integrating different tools in Jenkins.
* Efficiently used **Build periodically** and **Poll SCM Jobs** Schedule mechanisms by using Cron Tab expression in Jenkins for builds.
* Integrated **Ansible** with **Jenkins** for **CICD**.
* Written **Ansible** **Playbooks** for Deployment.
* Worked with **Docker** containers for writing **Docker-Compose** files.
* Established Docker images in **Jenkins Master-Slave** Concept.
* Created **VPC in AWS**.
* Worked on **IAM user** creation.
* Involved in **Cloud Formation Template** creation.
* Managed and monitored the server and network infrastructure using **CloudWatch**.
* Efficient in working closely with teams to ensure high quality and timely delivery **of builds and releases**.
* Exposed to all aspects of software development lifecycle (SDLC) such as Analysis, Planning, and Developing, Testing, and Implementing Post-production analysis of the projects.
* I Write K8S Manifest files for **Pods, Deployments, Services, Statefulsets, Configmap and Ingress**.
* Create **PV, PVC Storage Classes** to manage **Persistent Volumes in Kubernetes Cluster.**
* I Setup **Kubernetes** Cluster as **Kubeadm**

**Project-1:-**

**Role: Build and Release Engineer.**

**Date: May-2018 to Jan-2020.**

**Environment: Git, Jenkins, Apache Tomcat, Shell Scripting.**

**Roles & Responsibilities:-**

* Preparing **SCM plans and implementing** the SCM Process and policies.
* Performing the **merging** **activities**.
* Involved in scheduling the **automated build** called Nightly Builds.
* Software version control process design, implementation and Administration.
* Maintain the access privileges to developers at branch level and repository level.
* Supporting developers in configuration management environment using CVS & SVN
* Experienced in all SCM activities like **Branching**, **Tagging** and **Backup/Restore** etc.
* Managing SCM tool GIT including installation, configuration & maintenance.
* Periodically review and provide status on SCM activities with field activity management.
* Defining project directory structure, configurable items, naming conventions and access privileges in different applications.
* Monitoring access privileges for developers at branch level & Repository level.
* Monitoring daily builds using continuous integration tool Jenkins.

**Naresh Kandula**