**Dasari PavanKumar**

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***DevOps/Kubernetes/AWS***

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**Objective:**

Seeking a promising career with an organization to apply and enhance my current Engineering Skills while managing day-to-day operational aspects of projects by effectively applying methodologies that enforce

**Professional Summary:**

* Extensively worked with Version Control System tool **GIT and Branching Strategies**
* worked on end-to-end modules of **ALM (Application Lifecycle Management)** Tools like **Microsoft Visual studio and Git**
* Experience in all phases of software development lifecycle with good working exposure to **agile development methodologies**
* Worked on building various applications like **Scala, .Net and Java**
* Good experience in creating and configuring **new Build jobs, Plug-ins Management**, distributed builds using **Master/Slaves** and other administration tasks in Jenkins.
* Created **CI/CD Pipelines and integrated with kubernetes, docker and jenkins**
* Automating build process for creating JAR files using **Maven and Gradle.**
* Good Experience on **Atlassian tools** like **JIRA and Confluence**
* Good knowledge on configuration management tool such as **Ansible**
* Good experience with (Static Application Security Testing) and static **code analysis** and **Code review** tools with **Check Marx** and **Sonar Qube**
* Good experience with various testing tools like **Junit and JACOCO**.
* Good experience on Back up repository using **Nexus.**
* Experience in **Kubernetes, docker container management** and orchestration to host applications and implement **CI/CD process for k8s, docker.**
* Worked on Log search tools like **Elastic search and Kibana( EFK and ELK)**
* Worked on**micro services Architecture with higher environments like ( UAT, Pre-Prod and Prod )**
* Good knowledge on **container registry platform for production releases**
* Experience in implementing and adapting to **Release/Change Management Process**. With **ITSM**
* Worked on various deployments like **Rolling update and Recrate deployments**
* Understanding of platform level concerns, such as configuration management, network request routing, **blue/green and canary deployments**
* Experience **on AWS instances, security groups, Elastic Load Balance and AMIs, Auto scaling** to design cost effective, fault tolerant and highly available systems
* Flexibility to support out of hours production **releases/hot fixes** and ability to work with multiple teams and coordinate with them for resolution of issues
* Managed environments **DEV, QA, UAT, Pre-Prod and Prod** for various releases & designed instance strategies.

**IT Technical Skills :**

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| --- | --- |
| **Version Control Systems** | GIT, Github, Bitbucket |
| **Build Tool** | Maven |
| **Artifactory Repository** | Nexus |
| **Source Code Quality Tool** | SonarQube, Check Marx |
| **Continuous Integration Tool** | Jenkins |
| **Cloud Environment** | AWS |
| **Deployment Tools** | Docker, Ansible, Kubernetes |
| **Bug Tracking/Ticketing tool** | Jira, BugZilla |
| **Application Monitoring Tool** | EFK, Grafana, Prometheous |

**Academic Credential** :

* Bachelor of Engineering from **JNTU**, Anantapur in 2017.

**Professional Experience** :

* Working as **DevOps Engineer** at **British Telecom** Bangalore from **December 2017** to **Till Date**.

**Projects:**

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| **Project Name** | Coles |
| **Role** | DevOps Engineer |
| **Environment** | Linux, GIT, Maven, SonarQube, Jenkins, Nexus, Docker and K8’S |

**Roles and Responsibilities:**

* Setting up the new build environment for various applications in **Linux** environment.
* Managed to organizational standards by maintaining the source code in **GIT** for various applications.
* Using **Maven** as a build tool toautomate the process of building **Artifacts**.
* Responsible for configuring **Nexus** to maintain Build Artifacts.
* Configuring quality gates and quality profiles, as per client’s requirement in Code Quality tool **SonarQube** and generating HTML report for theprojects.
* Implementing **Jenkins**for **CI-CD** Process using **Scripted Pipeline**.
* Involved in installing **Jenkins**on a **Linux** Machine. And creating a **Master** and **Slave configuration** to implement multiple parallel builds through a build.
* Having Experience in writing **Docker** files and **Docker-compose** files.
* Worked on docker for create **containers** and **images** using docker file.
* Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
* Responsible for creating **docker swarm cluster** and deploying docker services in docker swarm cluster.
* Implemented a **CI-CD**pipeline using**Git, Jenkins**and**Docker**for complete automation from commit to deployment.
* Used **AWS** services **like EC2, S3, EBS, ELB, AUTO-Scaling, IAM**, and **SNS**for building infrastructure.
* Participates in the design and implementation phases for new and existing products, with a focus on AWS technical knowledge for successful execution of the requirements.
* Primary responsibilities include **Build** and **Deployment** of the java applications onto different

Environments like **QA, UAT, Pre-Prod (staging).**

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| **Project Name** | Online Enrollment Tool |
| **Role** | Build and Release Engineer |
| **Environment** | GIT, Jenkins, Maven, SonarQube and AWS |

**Role & Responsibilities:**

* Performing builds using Git, creating new branches and setting up the build environment, defining new targets, dependencies and proper search paths.
* Worked in Jenkins for configuring the build and release jobs for manullay.
* Maintaining the source code and performing deployments towards DEV/QA/UAT/PRE-PTOD/PROD environments and troubleshooting on various servers in case of failures.
* Installed Continuous Integration Server Jenkins as a service, configured the projects on Jenkins and automated the build, deployment and test execution on all the target platforms. Shared the nightly build results with the teams.
* Troubleshoot the nightly build failures and alert the respective development teams for quick solutions.
* Worked tasks in creating and configuring new Build jobs, Plug-ins Management, distributed builds using Master/Slaves and other administration tasks in Jenkins.
* Continuously taking artifacts back up on Nexus for various environments like Dev, QA, UAT, Pre-Prod and Prod

**Date :**

**Place : (D PAVAN)**