**Pankaj D Barge**

**(DevOps & Cloud Engineer)**

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**Professional Summary:-**

* Overall **4 plus years of experience** comprising of DevOps ,Build and release engineer and Cloud Engineer.
* **Strong Linux Level Knowledge**
* **Certified AWS solution Architect Associate**
* **Former Docker Associate Certified**
* Worked on Different Services on AWS like **EC2,S3,ECS,IAM,ECR,Cloud Watch & VPC,Subnets creation,NAT GW, Routing tables,Internet GW**
* Proficient in writing **Docker** File for containerization & good knowledge about **Kubernetes**
* Extensive experience in automation of Version Control Systems like **Git**/**GitHub.**
* Working experience on free style and pipeline job for our services in development and QA environment by using the integration tool **Jenkins**.
* Expertise in build tools like **MAVEN** for building J2EE/java application artifacts and deploying it on multiple environment such as DEV, QA**.**
* Knowledge on Web Server (**Apache**), application Servers (**Tomcat**)
* Knowledge of configuration management tool, **Ansible** to deploy critical application, automate repetitive task and proactively manage changes.
* Having **Knowledge of** **Data Science** **Libraries (not hands on)** with python libraries like numpy, Pandas Matplotlib, Scikit-Learn, Data preprocessing, Feature Scaling,
* Knowledge (not hands on) of **Algorithms**  like Regression,Simple linear Vector, Decision Tree, Polynomial Regression, Random Forest, KNN

**Skill Set:-**

* Operating Systems : **Linux(Rhel 7,8)**, **Centos(7,8)**
* SCM Tools : **Git/Github**
* CICD : **Jenkins**
* Build Tools : **Maven**
* Cloud platform : **AWS ,(EC2,SQS,SNS,S3,ELB,ECS,ECR,Cloud**

**Watch, Auto-Scalling)**

* Containerization Tools : **Docker & Kubernetes**
* Configuration management tools : **Ansible**
* IAAC **: Terraform**
* Database : **Mysql (knowledge)**
* Service Discovery **: Consul (Awareness)**
* Monitoring tool : **NagiOs,Graphana (knowledge)**

**Certification: -**

* Successfully completed DevOps certification from **Soft link Solutions**.
* Successfully completed AWS solution architect Associate.

* **Professional Experience : -**
* Currently Working with **Reliance Jio** Since June 2020 to present working
* Worked With **Infostretch Pvt Ltd** from 2019 to 2020
* Worked with **Different client** on payroll of **Carrier in Services Pvt. Ltd.**as

DevOps Engineer From 16th march 2017 to 10th Oct 2019

**Project Handled :-**

**Project : :** 5G Product

**Duration :** June 2020 to Still Working

**Role** : Devops Engineer

**Environment** : Linux/Unix Servers, Git/Github, Docker ,Jenkins ,Shell scripting,

Kubernetes (dev), Graphana.

**Roles and Responsibilities:-**

* Created Infra for 5G products from Scratch and Deployed building application using **Jenkins and Docker** in on Primises
* Created Infrastructure on **AWS with IAAC (Terraform)**
* Set up Kubernetes cluster in Dev enviroment and configure POD
* Set up Docker Swarm cluster and Wrote Dockerfile and docker compose with depandent application
* Done networking According to Requirement
* Wrote shell **Script and Ansible playbook** for OS installation to set up cluster with passing Networking
* **Troubleshooting Docker Container Issues and Upgrading Docker with no Downtime**
* Integrated jenkins with Artifactory

**Project : :** Wells Fargo

**Duration :** Oct 2019 to May 2020

**Role** : Devops Engineer

**Environment** : Linux/Centos , DevOps.

**Roles and Responsibilities:-**

* Building Jobs Using jenkins and git Created CI/CD pipeline using freestyle jobs.
* Update Security packages Using Ansible playbook
* 24/7 support and Manageing logs and Automated replica of production
* Taking Periodically backup of Jobs
* Wrote Shell script For backup of all Neccessary things before upgrading system
* **Deploy application on on AWS enviroment**

**Project :** Version control migration

**Duration :** April 2017 to February 2018

**Role** : Devops Engineer

**Environment** : Linux/Unix Servers, Git/Github, SVN.

**Roles and Responsibilities:-**

* Centralized patch management and deployment for windows and Linux and UNIX servers.
* Defining the branching and merging strategy for standardized workflow.
* Upgrading and running the SVN-migration-scripts to clean-up the result.
* Expertise in coordinating and supporting merging process with source code management.

**Project :** Hatch

**Duration :** April 2018 to march 2019

**Role** : DevOps Engineer

**Environment** : Centos, MySQL, Jenkins, Java, Maven, Tomcat, GIT /GitHub

Ansible, Docker, Nagios, Python & shell scripting

**Roles and Responsibilities:-**

* Assisted developers with establishing and applying appropriate branching, labeling

Convention’s using **GIT** source control.

* Expertise in coordinating and supporting merging process wit source code control
* Implemented and supported CI process using **Jenkins.**
* Implemented maintain and support reliable timely and reproducible builds using **Maven.**
* Supporting dev team and troubleshooting build failure.
* Knowledge of configuration management tool, **Ansible**  to deploy critical application, Automate repetitive task and proactively manage changes.
* Proficient in **Docker** to write Docker-file for containerization of application.
* Running & editing python scripts to automate the process.

**POC:**

**Project :** Azure Pipeline for CI part

**Duration** : April 2019 to sept 2019

**Role** : DevOps Engineer

**Environment** : POC

**Roles and Responsibilities:-**

* Implement CI part for Azure Pipeline with Azure DevOps
* Picking Up Agent from Agent Pool and Run the Job parellely

**Project :** Containerization and orchestration

**Duration** : Oct 2019 to May 2020

**Role** : DevOps Engineer

**Environment** : Tomcat, Docker, ECS, S3, github,mysql

**Roles and Responsibilities :-**

* Wrote Dockerfile for creating and configure the container.
* Configuring changes in Tomcat according to environment.
* Push object the to the S3 bucket using python boto3
* Modify Python scripts according to Need of project which are written already

**Project : :** 5G infrastructure and Storage

**Duration :** currently working

**Role** : Senior Associate DevOps Engineer

**Environment** : Linux/CentOS Servers, Networking, Docker, Docker swarm, Kubernetes

**Roles and Responsibilities:-**

* Done Networking for CentOS servers
* Openstack deployment
* Creating CentOS Servers from Bare metal.
* Help and give solution to establish Docker Infrastructure for Dev Environment
* Done Networking for CentOS servers
* Manage containers in Docker Swarm cluster
* Currently working on strategies to implement Kubernetes in cluster (Future Idea of Org)
* Write python scripts and done modification according to need

**Education & Qualification:-**

* BE in computer engineering from Pune University.
* 12th from Maharashtra state Board.
* 10th from Maharashtra state Board

**-- Pankaj D Barge**