**SIVA MANIKANTA PERABATHULA**

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**Objective:**

To be part of a reputed organization which provides steady career growth along with job satisfaction, challenges and give value contribution in the success of organization.

**PROFESSIONAL SUMMARY**

* Around 3.4 years of experience in software development in **Configuration Management Automation** and **DevOps Culture.**
* Designed, built, and automated new solutions centered on the **Kubernetes container orchestration** platform and its ecosystem of projects..
* Experienced with **Docker container service**. Dockerized applications by creating Docker images from Docker files and Docker-Compose files. Experience in maintaining and executing build scripts to automate development and production builds.
* Experienced in Configuration management tool **Ansible**.Expertise in **Ansible-Playbook**for Configuration management, Application deployment, Task automation and also IT Orchestration.
* Hands on experience in automating **CI & CD** pipeline using Azure DevOps.
* Proficient in writing **Yaml** script for Kubernetes deployments files, Ansible-Playbooks and Docker-compose files.
* Experienced on creating & maintaining the infrastructure for different environments in Azure and AWS
* Worked on integrating **GIT** into the **Continuous Integration** (**CI**) environment along with Azure DevOps for setup, build and delivery **pipeline**.
* Managed **Docker orchestration** and **Docker** containerization using **Kubernetes**.
* Creating resources in kubernetes such as pods, replicasets, replica controllers and deployments
* Experienced in kubernetes troubleshooting

**TECHNICAL SKILLS:**

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| --- | --- |
| **Containerization Tools** | Docker and Kubernetes |
| **Configuration Management Tools** | Ansible |
| **Azure Cloud Services** | Virtual machines, Virtual Networks, Subnetes, Azure kubernetes, azure web app services |
| **Cloud** | Azure |
| **Version Control System** | Git |
| **Scripts** | YAML |
| **Repositories** | Github, Azure repositories |
| **CI & CD Tools** | Azure devops |
| **AWS Services** | EC2 , S3 Buckets and IAM User |
| **Deployment Files** | Dockerfiles,Docker-compose files, kubernetes Deployment files |
| **Security Services** | Azure security services |
| **Operating System** | Linux (Ubuntu, Debian, RHEL, Centos), Windows |

**Orgnization: Birlasoft**

**Project Name: Smartwipe**

**Project Description:**

Smartswipe system is an IMDP application responsible for delivering relevant push notifications to Amex card members. The notifications can be sent through an email,SMS or an application over the web or on mobile devices.

**Period: March 2018 to Till Date**

**Designation: Devops Engineer**

**Roles and Responsibilities:**

* Creating Docker images using **Docker** files and Docker containers for application deployment
* Managed **GIT** repositories for branching, merging and tagging. Used Subversion as source code repositories.
* Automating CI & CD using build pipeline and release pipeline in Azure DevOps
* Automate the build Process Using **Azure DevOps**
* Writing Deployment files in Kubernetes for deployment for containerized applications
* Writing Ansible-Playbooks in **Ansible** for Configuration management purpose
* Writing ansible roles for ansible-playbooks and using ansible-playbooks install apllications and start services
* Creating configmaps, secrets, replica controllers, replica sets in kubernetes
* Run docker containers from docker images and deploy applications docker containers
* Writing Docker-compose files for multi run docker containers
* Creating docker network and run docker containers
* Extensively worked with Scheduling, deploying, managing **container replicas** onto a node cluster using Kubernetes and experienced in creating **Kubernetes Clusters** work with frameworks running on the same cluster resources.
* Configuration management, Application deployment, Task automation and also IT Orchestration in **Ansible**
* Creating resources in kubernetes such as pods, replica sets and replica controllers
* Troubleshooting in kubernetes by run commands

**Education:**

**B.Tech -**Electrical and Electronic Engineering **Swarnandhra Engineering College - Narasapuram - 2015**

**Diploma -** Electrical and Electronics Engineering

**SMT.B.Seetha Polytechnic - Bhimavaram** - **2012**

**SSC- SJSM ZP HIGH SCHOOL-** MORI **-2009**

**Declaration:**

I hereby declare that the above information is correct to the best of my knowledge and bear the responsibility for the correctness of the above-mentioned particulars.

Place: Benguluru                                                                                        P.Siva Manikanta

