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PROFESSIONAL SUMMARY

- Over 3 years of experience into DevOps with a demonstrated history of working in the information technology and services industry.
- I am exposed to architecture, engineering, integration, implementation, Migration and administration of various highly-available infrastructure, visualization platforms and cloud infrastructure.
- Experienced in Information Technology industry in various roles with excellent experience in DevOps, Kubernetes, CI/CD, Cloud (Public, Private & Hybrid) Automation/Migration, Application/System Management, Container Orchestration/Management (Docker, Kubernetes), Software Integration, Configuration Management, Monitoring, Build & Release management and Development for several market driven international organizations.
- Skilled in Jenkins CI/CD Pipelines, AWS, Cloudformation, Azure, Google Cloud Platform, Packer, Spinnaker, Terraform, Ansible, Docker, Kubernetes(K8S), Minikube, Infrastructure as Code, ELK, Grafana with Prometheus/InfluxDB/Elasticsearch, Linux, Shell Scripting, Subversion, GIT, ANT, Maven, SonarQube, Nexus, JFrog Artifactory, Apache Webserver, Load Balancing, HA Proxy, Apache Tomcat.

EXPERIENCE

06/2020 to Current

DevOps Engineer

Samsung R&D Institute India-Bangalore - bangalore, karnataka

Work History:

Project : Bixby

Description:

Bixby is a virtual assistant. It made its debut on the Samsung Galaxy S8 but is designed to work across a range of Samsung products and is incorporated in numerous other devices like Samsung's Family Hub fridge and TVs. Roles and Responsibilities: Created an end-to end CI/CD pipeline with Jenkins, Docker, Kubernetes (K8S). Automating the OS image creation in VMWare using Packer. Creating the golden images from base images with the respective changes in the image using Packer. Administering and managing Jenkins (Master, Slaves and Dockized Jenkins builds) as a high-available application. Performing the regular OS hardening and patching with Ansible and automated this entire process. Managing all the configurations both server and application using Ansible. Automating the day-to-day sysadmin activities with Ansible. Integrated Packer, Terraform and Ansible with Jenkins pipeline code. Setting up the monitoring for the entire infrastructure (Private Cloud) using ELK/Grafana and Prometheus. Setting up the Infrastructure by creating VPC, Subnets (Public & Private), Internet Gateways, different EC2 instances, Configuring S3, EFS, EBS, AMI's, IAM, Auto Scaling, Load Balancing, Route53, Cloud Front, and integrating Cloud Trail and Instance/Application monitoring with AWS Cloud Watch. Building and deploying the application on Web and App servers like Apache, Tomcat, WebLogic. Working on Helm charts to manage the Kubernetes applications. · Installing and managing Minikube and to setup the Kubernetes in the local machine. Helping and educating developers on Minikube to setup production-like micro services environment in their local machines. · Setting the end-to-end metrics and log monitoring with Prometheus and Grafana.

Tools and Languages:

VMWare, Packer, Terraform, Jenkins CI/CD (Jenkins file), Ansible, Docker, Kubernetes, Helm Charts, Spinnaker, ELK/Grafana, Prometheus and Shell Scripting, AWS, GCP, Azure.

CORE QUALIFICATIONS

- VMWare, Packer, Terraform
- Jenkins CI/CD (Jenkinsfile),
- Ansible, Docker, Docker Swarm, Kubernetes
- Prometheus, Grafana
- AWS
- Tomcat, Apache, Ansible.
- Apache
- CD
- Shell Scripting
- Tomcat

EDUCATION

2020

Degree: B.Com

SDGS - Hindupur, AP

ACCOMPLISHMENTS

- Designing/Implementing Infrastructure for product deployments.
- Defining, designing and executing CI/CD process using Ansible, GIT, Jenkins, Docker, kubernetes, AWS, Ansible, Terraform, GitLab.
- Amazon AWS administrator and solution designer using EC2, VPC, Auto scaling, ELB,S3, Elastic Cache, EKS.
- Application deployment, management and troubleshooting on open source Technologies.
- High available solution (clustering) implementation on Web/App/DB layer of application deployment using open source technologies.
- Sound experience and knowledge in Microservices which includes Docker and Kubernetes for orchestrating the Docker containers from lower environments to production using Kubernetes.
- Automated Kubernetes cluster setup with Terraform.
- Experienced in setting up the end-to-end CI/CD for the containers with Jenkins Pipeline as Code and Kubernetes.
- Sound experience in managing Infrastructure as Code using Packer and Terraform for multiple cloud providers like AWS, GCP,Azure.
- Setting up the Minikube in developers local machines to create their own Production like environments and educating them how to use it.
- Good experience in Ansible in writing playbooks, roles and maintaining a vast inventory for managing all the configurations for all the components involved in the complete application life cycle.
- Managing all the secrets like passwords, keys and SSL certs using Ansible Vault.
- Good experience in provisioning the virtual machines in AWS and GCP using Terraform.
- Good experience in Software Configuration Management, Build/Release Management, Subversion, GIT along with Shell Scripting.
- Interacting with Dev/QA team managers to meet tight deadlines.
- Extensive experience in scripting languages including Shell Scripting, build automation using ANT, MAVEN.
- Hands on experience in configuring and maintaining the Webservers like Apache, nginx and App servers like Apache Tomcat, WebSphere and WebLogic.

- Generated reports using Sonar (Integration with Jenkins) which covers different areas of Code quality like potential bugs, code coverage, coding rules.
- Software Configuration Management Support with Branching and Merging strategies, Version Control Systems, Integration Management, Build/Release Management and Requirement Management.
- Capable of handling multiple tasks and work effectively both in a group and as an individual to meet deadlines.
- Vast experience in providing Trainings within the organization in SCM procedure, SCM process and SCM Tools.
- EXPERIENCE BUILD RELEASE ENGINEER 07/2018 to Current Tavant Technologies Pvt Ltd, Bangalore, India Work History: Project : Land O' Lakes Description: Land O' Lakes is a census-designated place (CDP) in Pasco County, Florida, United States.
- Land O' Lakes is part of the Tampa-St.
- Petersburg-Clearwater, Florida MSA.
- Land O' Lakes has been growing very rapidly in the past 10 to 20 years.
- Nearby former towns have been absorbed into Land O' Lakes such as Denham, Ehren, and Gowers Corner.
- New neighborhoods, shopping, and schools have been built.
- It is also a member of the Pasco County Library Cooperative with a library branch, the Land O' Lakes Branch Library, at 2818 Collier Parkway, Land O' Lakes, Florida 34639.
- Roles & Responsibilities:.
- Created an end-to end CI/CD pipeline with Jenkins, Docker, Kubernetes (K8S).
- Automating the OS image creation in VMWare using Packer.
- Creating the golden images from base images with the respective changes in the image using Packer.
- Administering and managing Jenkins (Master, Slaves and Dockerized Jenkins builds) as a high-available application.
- Performing the regular OS hardening and patching with Ansible and automated this entire process.
- Managing all the configurations both server and application using Ansible.
- Automating the day-to-day sysadmin activities with Ansible.
- Integrated Packer, Terraform and Ansible with Jenkins pipeline code.
- Setting up the monitoring for the entire infrastructure (Private Cloud) using ELK/Grafana and Prometheus.
- Setting up the Infrastructure by creating VPC, Subnets (Public & Private), Internet Gateways, different EC2 instances, Configuring S3, EFS, EBS, AMI's, IAM, Auto Scaling, Load Balancing, Route53, CloudFront, and integrating CloudTrail and Instance/Application monitoring with AWS CloudWatch.
- Building and deploying the application on Web and App servers like Apache, Tomcat, Weblogic.
- Installing and managing Minikube and to setup the Kubernetes in the local machine.
- Helping and educating developers on Minikube to setup production-like micro services environment in their local machines.
- Setting the end-to-end metrics and log monitoring with Prometheus and Grafana.