

Srinu.c

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OBJECTIVE

To work for an organization which provides a challenging and educative working environment where I can learn applies my knowledge and leverage my skills for organizational and personal growth.

PROFESSIONAL SYNOPSIS

- Having around **3 years** of experience as **Cloud Engineer** and **DevOps engineer**.
- Involved in Supporting Micro Services platform to support multi container architecture.
- Experience in working on AWS and its services like **AWS IAM, VPC, EC2, ECS, EBS, RDS, S3, Lambda, ELB, Auto Scaling, Route 53, Cloud Watch, Cloud Trail, SQS, and SNS** and experienced in Cloud automation using AWS Cloud Formation templates to create custom sized **VPC, subnets, NAT, EC2 instances, ELB and Security Groups**.
- Experienced with principles and best practices of Software Configuration Management (**SCM**) in **Agile, Waterfall** methodologies.
- Hands on experience in using open **Docker images** and also build custom Docker images based on application requirement.
- Involved in Creating containers and managing them in both production and non production environments.
- Knowledge on Managing containers using Orchestration tool like **Kubernetes**.
- Good Understanding of Docker file and its components, written some of the Docker files for Developing Images.
- Good understanding of Writing Compose file to deploy multiple containers and expose them through **Proxy**.
- Good understanding of Creating **Docker Swarm** to Manage Containers.
- Good understanding of Kubernetes manager components like **API Server, etc., Scheduler, Kubernetes Controller**
- Good understanding of Kubernetes Node components like **Kube Proxy, POD, Kubelet, Replication Groups and POD Controller**.
- Implemented Monitoring for Docker and Kubernetes Components and Services Running.
- Implemented **CI/CD Process** with Jenkins to have automation of Continues Integration, **Continues Delivery and Continues Deployment**.
- Good understanding of Kubernetes Networks like Ingres and Node Port.
- Managing Images using In-Hose Repository and **Code in GITHUB**.
- Hands on experience in using **Maven for Build Process**.
- Involved in Configuring Different jobs like Free Style and Pipeline Projects and Multi Branch Project.

Technical Skills:

• Operating Systems	Linux, Windows.
• Release Management Tools	Jenkins.
• Containerization	Docker, Kubernetes.
• SCM	GIT
• Build Tools	Maven, Jenkins
• Web/App Servers	Tomcat
• Databases	Oracle 10g/11g, SQL Server
• Configuration Management	Ansible

Education:

- Diploma in Electronics and Communication Engineering from college of Bapatla polytechnic, **Bapatla ,AP, SBTET - 2015**

Professional experience:

- Working as **DevOps engineer** for **Wipro InfoTech**, Hyderabad from **July 2018** to till date.

Project : **Entity Model, Credit AND Collections**
Client : **Wipro InfoTech**
Duration : **feb2018 to till date**
Role : **DevOps Engineer**

Roles & Responsibilities:

- Hands on experience in supporting environments using AWS.
- Involved in configuring different resources like IAM, EC2, S3, RDS etc...
- Having experience in using different storages like S3, EBS and RDS.
- Having experience in setting up kubernetes cluster using Kubeadm utility
- Managing multiple services on kubernetes with multiple replicas
- Very good understanding of Roles and Policies.
- Configured different roles and policies to access different resources and control the access using policies.
- Good understanding of security groups and configured different groups to access EC2 Console.

- Involved in configuring Elastic configuration and configured auto scaling.
- Supporting high volume business days by accepting load using scale up option.
- Involved in monitoring of Cloud environments using Cloud Watch and respond to alerts.
- Involved in mailing configurations using SQS, SNS etc.
- Involved in application server configuration using configuration management tools.
- Involved in on-boarding applications for release management using Jenkins.
- Created Components, Resources, and Applications and group all configurations using Jenkins.
- Involved in Process Flow Design for performing release activities using Jenkins.
- Involved in to Build Activities using different build tools like Mavens
- Automated build process using automation tools like Jenkins
- Involved in performing Release Management and Release planning.
- Managing the platform using configuration tool called ANSIBLE.
- Having good understanding of ANSIBLE DK, ANSIBLE Server, and ANSIBLE Client.
- Involved in writing playbooks to manage the different resources using ANSIBLE.
- Involved in automating the release process to both production and non-production environments.
- Supported setting up of various environments in multi-tier architecture involving load balancers, Apache webserver and Oracle database.
- Developed custom scripts to automate the build and release process.
- Implemented a custom authentication with Tomcat for user authentication, authorization and password policy.
- Involved in resolving tickets with different SLAs like P1, P2, P3 and P4.
- Involved in change management process like opening change records using change management tools like INFRA, Manage now.
- Providing on call, weekend and deployment support.
- Provided technical and tactical requirements for data center build while ensuring the compatibility of various software technologies to be deployed in the data center
- Resolved production incidents by reporting root cause analysis and prsoposing preventive measures. Created proactive monitoring scripts with alerting mechanism.
- Involved in applying security patches using Tomcat Utility.
- Deploying applications using different deployment strategies like Stage, No Stage and External stage.

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