**ANIL KUMAR**

Phone No:9505410947 Mail id: anildevops583@gmail.com

==================================================================================================

* Having 4 years of experience as a DevOps engineer
* Hands on experience on managing micro Services using Docker and Kubernetes.
* Involved in Designing Micro Services platform to support multi container architecture.
* Experience in working on AWS and its services like AWS IAM, VPC, EC2,EBS,RDS, S3, ELB, Auto Scaling, Route 53, Cloud Watch, 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.
* 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.
* 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.
* Hands on experience on Creating Docker Swarm to Manage Containers.
* Good understanding of Kubernetes manager components like API Server, etcd, Scheduler Kubernetes Controller
* Good understanding of Kubernetes Node components like Kube Proxy, POD, Kubelet, Replication Groups and POD Controller.
* 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 NodePort. 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.
* Hands on experience on Creating Distributed Environment using Master-Slave Architecture.
* Involved in Configuring Nexus Repository for Managing Artifacts.
* Created infrastructure in a coded manner (infrastructure as code) using Ansible configuration of virtual environments.
* Experienced in Creating and Managing HTTP and Container Servers like Nginx, HTTP Server and Tomcat.

**Technical Skills:**

Release Management Tools Jenkins.

SCM GIT

Build Tools Maven, Jenkins

Web/App Servers Tomcat/Apache2

Containerization Docker,Kubernetes

Monitoring Tools Nagios

Databases mysql

Operating Systems Windows, Linux

Other Tools GIT, SSH, PUTTY.

**Education:**

Bachelor of Technology in CSE from Vishnu Sree Institute of Technology, JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY -2013

Master of Technology in CSE from AVCR college of research and engineering, JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY -2015

**Professional experience**:

* Working as a Devops Engineer for Optis information Services India Pvt Ltd, Bangalore from dec 2015 to Till date.

**Projects**:

Project : CloseBrothers modern Merchant bank

Client : Close Brothers, UK

Duration : jan 2018 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.

• Very good understanding of IAM 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 monitoring of Cloud environments using Cloud Watch and respond to alerts.

• Involved in mailing configurations using SNS etc.

• Involved in on-boarding applications for release management using Jenkins.

• Created Components, Resources, and Applications and group all configuration using Jenkins.

• Involved in Process Flow Design for performing release activities using Jenkins.

• Involved in to Build Activities using different build tools like Maven

• Automated build process using automation tools like Jenkins

• Involved in performing Release Management and Release planning.

• 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 webservers.*.*

• Implemented a custom authentication with Tomcat for user authentication, authorization

and password policy.

• Monitoring environment using monitoring tools like Nagios tool and custom shell script.

• Involved in integrating Tomcat with Nagios.

**Environment:** AWS, Jenkins, Tomcat application Server, Maven,GIT, JDK1.8, Linux, JIRA, SSH ,Nexus, SonarQube, Ansible, Docker, Nagios.

Project : Novo Nordisk

Client : Novo Nordisk Pharmaceuticals, Us

Duration : nov 2016 – jan 2018.

Role : Build & Release 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.

• 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.

• 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 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 configuration using Jenkins.

• Involved in Process Flow Design for performing release activities using Jenkins.

• 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 Server, and ANSIBLE Client.

• 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 webservers

• Developed custom scripts to automate the build and release process like pipeline scripts by

using snippet generator.

• Implemented a custom authentication with Tomcat for user authentication, authorization

and password policy in tomcat-user.xml, context.xml.

• Monitoring environment using monitoring tools like nagios monitoring tool.

• Involved in integrating Tomcat with Nagios.

**Environment:** AWS, Jenkins, Maven, Jenkins, CVS, Tomcat Application Server ,JDK,Apache WebServer, Linux, SSH, mysql, RDS

Project : Cox Communications

Client : Cox Communications, Us

##### Duration : jan 2015 to nov 2016

##### Designation : Build & Release Engineer

##### Roles & Responsibilities:

• Making sure all depending activities where covered in the plan.

• Involved in making sure all the dependent activities where performed in the order.

• Automated build process using automation tools like Jenkins.

• Involved in automating the release process to both production and non-production environments.

• Developed custom scripts to automate the build and release process.

• Monitoring environment using monitoring tools like nagios monitoring tool and custom

shell scripts.

**Environment:** Tomcat Application Server , Java, Apache WebServer, Linux,JIRA, Putty, mysql, gitbash,Linux, AWS,GIT, Jenkins, Maven, Ansible.