**ANIL KUMAR**

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* 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 VPC, EC2,EBS, S3, ELB, Auto Scaling and Cloud Watch,
* 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.
* 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.
* 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:**

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| Release Management Tool | Jenkins and Bamboo |
| SCM | GIT, GitHUB and Subversion |
| Build Tools | Maven, Jenkins |
| Web/App Servers | Tomcat/Apache2 |
| Containerization | Docker and Kubernetes |
| Monitoring Tools | Nagios |
| Operating Systems | Linux and Windows |
| Configuration Management Tool | Ansible and Chef |
| Other Tools | GIT, SSH, PUTTY. |
| Scripting | Bash |

**Education:**

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

**Professional experience**:

* Working as a Devops Engineer in **Optis information services india pvt ltd** from Dec 2015 to Till date.

**Projects**:

Project : CloseBrothers modern Merchant bank

Client : Close Brothers, UK

Duration : Feb 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 VPC.

• 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 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.

Project : Novo Nordisk

Client : Novo Nordisk Pharmaceuticals, Us

Duration : Dec 2016 – Jan 2018.

Role : Build & Release Engineer.

**Roles & Responsibilities**:

• Hands on experience in supporting environments using AWS.

• 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 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.

Project : Cox Communications

Client : Cox Communications, Us

##### Duration : Jan 2016 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.