Krishna

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- Having 4 years of experience as Cloud Engineer and 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, 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 SecurityGroups.
- 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.
- Managing containers using Orchestration tool like Kubernetes.
- Having good understanding of Container Log Management, Data Management and Networking.
- 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 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 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 and CHEF configuration management of virtual environments, and Vagrant for virtual machine and resource control.
- Experienced in Creating and Managing HTTP and Container Servers like Nginx,HTTP Server and Tomcat.
- Hands on experience in Handling

Technical Skills:

Configuration Management	ANSIBLE
Release Management Tools	Jenkins.
Containerization	Docker, Kubernetes
SCM	GIT,SVN
Build Tools	Maven, Jenkins
Web/App Servers	Tomcat,WebLogic
Monitoring Tools	Nagios
Databases	Oracle 10g/11g, SQL Server
Operating Systems	Windows, Linux.
Other Tools	GIT, SSH, PUTTY.

Education:

Bachelor of Technology in CS from **SIR C R REDDY COLLEGE OF ENGINEERING**, Andhra University -2015

Professional experience:

❑ Working as **Release Engineer** for **IBM**, Bangalore from Sep 2015 to Till date.

Projects:

Project	:	**Entity Model**
Client	:	**Office Depot**
Duration	:	**Oct 2017 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 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 Maven
- 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 webservers, 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
- Monitoring environment using monitoring tools like Nagios tool and custom shell script.
- Involved in integrating Tomcat with Nagios.
- 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, Managenow
- 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 proposing 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.

Environment: AWS, Jenkins, ANSIBLE, Tomcat Application Server 10.3,Maven,Jenkins,CVS,GIT, JDK1.6, Oracle 11g, Apache WebServer, Linux, JIRA, Infra, SSH,TOAD

Project	:	**Johnson & Johnson**
Client	:	**Johnson & Johnson**
Duration	:	**Nov 2016 to Sep 2017**
Role	:	**DevOps Engineer**

Johnson & Johnson (J&J) is the world's most comprehensive and broadly based manufacturer of health care products, as well as a provider of related services, for the consumer, pharmaceutical, and medical devices and it has more than 300 Johnson & Johnson operating companies in over 57 countries. As part of its Business Transformation Program, J&J is centralizing its IT services into a new Global Services business unit. This will involve rationalization of large number of HR applications that where spread across its operating companies and Interfacing these with the new HR system (which is managed by third party).

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.
- Involved in configuring Elastic configuration and configured auto scaling
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- 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.
- 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 webservers, 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
- Monitoring environment using monitoring tools like Wily monitoring tool and custom shell script.
- Involved in integrating Tomcat with Nagios.
- 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, Managenow….
- 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 proposing 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.

Environment: AWS, Jenkins, Maven, Jenkins, CVS, Tomcat Application Server 10.3, JDK1.6, Oracle, Apache WebServer, Linux, SSH, TOAD

Project	:	**OIS (Order Integration Suite)**
Client	:	**HPE**
Duration	:	**Sep 2015 to Oct 2016.**
Role	:	**Release Engineer**

OIS (order integration suite) is an internal project to HP, Which support the HP business in Receiving and delivering the HP Orders to its clients. EAI used to integrate all the OIS systems to achieve the business requirement. EAI integrates around 30+ different OIS applications using Tomcat

This project aims at integrating most of OIS Applications with each other using EAI, through either Synchronous or Asynchronous Integrations. Here, EAI Integrations clustered with front-end applications, providing a single consistent access to application interfaces and shielding users from having to learn to interact with different software packages, with providing a coupled connectivity

Roles & Responsibilities:

- Responsible for handling Release Management for 70+ applications
- Involved in creating Release plan and walkthrough with every counterpart to get their inputs.
- 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.
- Supported setting up of various environments in multi-tier architecture involving load balancers, Apache webservers, Oracle database,
- Developed custom scripts to automate the build and release process.
- Monitoring environment using monitoring tools like Wily monitoring tool and custom shell script.
- 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, Managenow….

- 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 proposing 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.

Environment: Tomcat Application Server 9.2, Java, Oracle, Apache WebServer, Linux, JIRA, Managenow, Putty, TOAD