Sarvasiddi Manikanta

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Career Objective

To place myself in a well-developed organization where I can apply my functional and technical expertise, innovative thinking and hardworking capability to become a dedicated DevOps Engineer

Professional Summary

* Around 4+ years of Experience in Implementing Organization DevOps strategy in various environments of Linux and windows servers along with adopting cloud strategies based on Amazon Web Services and other cloud pathforms.
* Experience in setting up the Kubernetes with Docker to handle Pods and worker nodes.
* Worked on set-up of K8s admin and client in Clusters and nodes by using third party network plug-in
* Setup and build AWS infrastructure with various resources like VPC, Subnet creation, Route table and NAT gateway configurations.
* Used **K8s**to orchestrate the deployment, scaling and management of Docker Containers.
* Having experience in creation of Target groups and arrange listeners for Elastic Load balancer in AWS.
* Can able to arrange launch configuration for auto scaling groups in AWS
* Had experience in delivering container based deployments using services in k8s like Deployment and Replication Set.
* Having experience in creating custom Docker Images using Docker file and Pushing to Docker Private Repository.
* Having experience in tools such as Jenkins, Maven, and Nexus for build management.
* Good exposure on Terraform for building, changing and versioning infrastructure safely and efficiently.
* Hands on experience on monitoring tools like Nagios
* Experience on SCM tools like Git, GitHub and GitLab for branching, tagging and version management
* Ability to work on Shell and Python Scripts
* Encounter on Amazon EC2 cloud deployments using DevOps tools like Jenkins and Ansible.
* Exposure on Managed Amazon Web Services like EC2, S3 buckets, RDS, Route 53, Cloudfront and IAM.
* Deep knowledge of CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.
* Extensive Experience in Jenkins master-slave for multi machine builds.
* Hands on experience with Configuration Management Tools like Ansible & Puppet.
* Worked in creation on Ansible Playbooks and Roles.
* Hands on experience in creation of Virtual Environments using Vagrant.
* Good exposure to Requirements gathering, Analysis, Design, Construction & Implementation of Distributed destinations.
* Keen at learning and adaptable to any kind of platform, new and advanced technology and worked for Agile Projects.
* Good experience in Implementation of new DevOps Tools
* Team Player with strong Communication, analytical and Problem solving skills

Work Experience:

* Worked as GIS Engineer at RMSI Private Limited located in Hyderabad from November 2016 to February 2018.
* Worked as Senior Process Executive at Cognizant Technology Solutions located in Hyderabad from February, 2018 to July, 2020
* Working as Senior Software Engineer(DevOps) at Citiustech Healthcare Private Limited located in Mumbai from November,2020 to Present

Education Details:

* Completed Bachelor’s Of Technology at NRI Institute Of Technology (JNTU Kakinada) in 2016.
* Completed Diploma at government Polytechnic college, Gannavaram in 2013

Skill Set

* Operating System : IOS, Unix/Linux(Centos, Ubuntu), Windows.
* Version Control : GIT
* Build Tool : Maven, Gradle, NPM
* CI Tool : Jenkins
* SCM Tool : Ansible and Puppet
* Containerization Tool : Docker
* Orchestration Tool : Kubernetes
* Cloud Provider : AWS , Terraform
* Application Servers : Apache Tomcat, Nginx,HAProxy
* Scripting Languages : Shell, Python, Groovy, HCL
* Web Servers : Apache HTTPD
* Artifact Repository : Nexus, Jfrog
* Ticketing Tool : JIRA, Rally
* Monitoring Tool : Nagios, cloud watch, Prometheous and Grafana
* Virtualization tool : Virtualbox, VM Ware and Vagrant.

Project Profile:

* Project Name : Fusion
* Duration : Dec 2016 – Feb 2018
* Client : Apple Inc.
* Programming Language : JAVA
* Environment tools : GIT, MAVEN, Jenkins, Ansible, Puppet, IOS, Tomcat
* Operating System : IOS
* Role : GIS Engineer

Roles & Responsibilities:

* Involved in provision of accesses to the users for VMs, artifactory repositories, and Jenkins.
* Involved in patching activities for machine in on prime environment machines
* Involved in Branching, Tagging and Merging of code delivery at required releases.
* Setup and maintain Troubleshooting application related issues by log verification.
* Support the code builds by integrating with continuous integration tool (Jenkins)
* Develop, support, and improve tools for continuous integration, automated testing and release management
* Involved in deployment of several Images in VMs
* Installed and configured Jenkins with different tools (plug-ins) for continues integration process.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins.
* Build and deployed Java application from Jenkins by invoking required scripts.
* Coordinating with resources by working closely with project managers for the release and project manager for all the operational projects.
* Final Deployment and Post production support for enhancements.
* Creating and maintaining Project related documentation.
* Managing all deliverable like different project related documents, different versions of the code.

Project Profile:

* Project Name : JFK Health Systems
* Duration : Feb 2018 – Mar 2019
* Client : JFK Health Systems
* Programming Language : JAVA
* Environment tools : GIT, MAVEN, Jenkins, Ansible, Puppet, Red Hat Linux, Tomcat
* Operating System : Linux, Windows
* Role : DevOps Engineer

Roles & Responsibilities:

* Develop, support, and improve tools for continuous integration, automated testing and release management
* Support the code builds by integrating with continuous integration tool (Jenkins)
* Setting up Jenkins continuous integration builds for all releases on windows and Linux
* Installing, configuring and maintaining Continuous Integration like Jenkins, Automation and Configuration Management tools like puppet.
* Installed and configured Jenkins with different tools (plug-ins) for continues integration process.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins.
* Build and deployed Java application from Jenkins by invoking required scripts.
* Coordinating with resources by working closely with project managers for the release and project manager for all the operational projects.
* Monitor various Servers for issues are addressed, researched, fixed and closed using Nagios.
* Final Deployment and Post production support for enhancements.
* Creating and maintaining Project related documentation.
* Managing all deliverable like different project related documents, different versions of the code.
* Involved in Branching, Tagging and Merging of code delivery at required releases.
* Setup and maintain Troubleshooting application related issues by log verification.

Project Profile:

* Project Name : RORO
* Duration : Mar 2019 – July 2020
* Client : Melbourne International RoRo and Auto Terminal Pvt. Ltd.
* Programming Language : JAVA
* Environment tools : GIT, MAVEN, Jenkins, Ansible, Docker, Kubernetes,Red Hat Linux, Tomcat
* Operating System : Linux, Windows
* Role : DevOps Engineer

Roles & Responsibilities:

* Worked on orchestration of applications with Kubernetes and Docker.
* Integrated Kubernetes with network, storage, and security to provide comprehensive infrastructure and orchestrated container across multiple host.
* Developing Docker images to support Development and Testing Teams and their pipelines.
* Work with development teams to assist with various automation and configuration tasks
* Experience in implementing Docker file and Docker-Compose file.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using Sonarqube
* Helped development teams automate the environment setup using tools like Ansible.
* Provisioned Servers and Deployed features using Ansible
* Deployed Bootstrapping Operation through Ansible, as it helps the nodes environment where it connects and configure with the master or slave.
* Setup and build AWS infrastructure with various resources like VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
* Worked in an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using tools like Jenkins
* Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
* Hands on experience with SCM tools like Git for branching, tagging and version management.
* Automated the build and deploy tasks using Maven.
* Experience with monitoring tools like Nagios, Prometheous and Grafana.
* Managing all deliverable like different project related documents, different versions of the code.
* Monitor and maintain ticketing system to ensure all new and repetitive bugs and issues are addressed, researched, fixed and closed using JIRA.
* Headed multiple, daily or weekly application UAT and Production release projects, from business approvals to final system sanity checks.
* Troubleshoot and resolve issues related to application deployment and operations.
* Good understanding of DevOps key concepts Infrastructure as a code (IAAC)

Project Profile:

* Project Name : QUAD
* Duration : Dec 2020 – Present
* Client : Baker Hughes
* Programming Language : JAVA, NodeJS
* Environment tools : GIT, MAVEN, NPM, Gradle, Jenkins, Docker, Kubernetes Red Hat Linux, Jfrog, Dremio, Minio
* Operating System : Linux, Windows
* Role : DevOps Engineer

Roles & Responsibilities:

* Working on data migration from GCP to S3 Bucket by using minio as agent
* Worked on orchestration of applications with Kubernetes and Docker.
* Involved in several cloud service creations like aws Ec2, ALB, RDS, EKS, S3, Route53.
* Setting up Jenkins continuous integration builds for all releases on windows and Linux
* Installing, configuring and maintaining Continuous Integration like Jenkins, data storage and transferring tools like Minio and Dremio
* Created many K8s clusters by using different approaches.
* Configured Jenkins with different tools (plug-ins) for continues integration process.
* Automated the build and deploy tasks using Maven, Gradle and NPM.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins.
* Build and deployed Java and Nodejs application from Jenkins by invoking required pipeline scripts.
* Monitor and maintain ticketing system to ensure all new and repetitive bugs and issues are addressed, researched, fixed and closed using RALLY.
* Coordinating with resources by working closely with project managers for the release and project manager for all the operational projects.
* Final Deployment and Post production support for enhancements.
* Creating and maintaining Project related documentation.
* Managing all deliverable like different project related documents, different versions of the code.
* Setup and maintain Troubleshooting application related issues by log verification.
* Involving in Docker setup and operations in both linux and windows operating systems.
* Worked in an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using tools like Jenkins.

Date: (S.Manikanta)

Place: