SP

Saivivek P

Professional Summary

Critical thinking DevOps and Cloud (AWS) Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be strong team player plus work effectively independently. Seeking new position as a DevOps and Cloud Engineer where I can contribute my knowledge and technical expertise for the growth and development of organization and its customers.

Work History

Tata Consultancy Services - AIG Client - DevOps Engineer
Hyderabad, Telangana
11/2018 - Current

- Implementing CI-CD process for applications with different tools like GitHub, Jenkins, Gradle, Maven, Sonarqube, JFrog Artifactory, XLD, Docker, Splunk
- Writing Jenkins pipeline templates in groovy for implementing CI-CD Process
- Writing Automation scripts in Groovy and bash scripting for Jenkins Job creation, Git repo creation and XLD Deployment
- Writing terraform scripts for provisioning infrastructure in AWS
- Providing training to application team for debugging issues in Jenkins using KIOSK Engineering Process
- Implemented CI-CD process for more than 100 applications in APAC and NAM regions
- Interfaced with cross-functional team of business analysts, developers and technical support professionals to determine comprehensive list of requirement specifications for new process

Tata Consultancy Services - COE(R&D) - DevOps Engineer
Hyderabad, Telangana
11/2016 - 10/2018

- Single point of contact for Docker and Kubernetes in TCS Component Engineering Group, Centre of excellence (COE) Team
- TLS Enabled Docker Installation
- Setting up of Docker private registry
- Containerizing Applications using Docker(Docker Compose, Docker Swarm)

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Skills

- Docker, Kubernetes, Helm, Openshift
- Jenkins, Jenkins pipeline, Git, Gradle, Maven, SonarQube, JFrog Artifactory, XLD, XLR, Splunk, Ansible, Terraform
- AWS - IAM, EC2, EBS, S3, RDS, Load balancing, Auto Scaling, Route 53, Cloud watch, SNS
- Groovy, Shell scripting, 4GL, Core Java, ABF development environment, SQL
- Hadoop Administration
- Operating system Windows, Linux-Centos, Ubuntu, RHEL

Education

04/2015
Jawaharlal Nehru Technological University
Hyderabad, Telangana
B.Tech: Electronics And Communications Engineering

Board Of Intermediate Education
Hyderabad, AP
Pre-university Course: MPC
- Graduated with 96%

Board Of Secondary Education Andhra

- Design and implementation of Container Orchestration platform Kubernetes for container management
- Installing different versions of Kubernetes using kubeadm on AWS and on-premise
- Setting up of add-on components like Kubernetes Dashboard, Heapster, InfluxDB, Grafana, ELK stack, Splunk and Prometheus for container monitoring and logs
- Configuring Deployments to achieve Auto scaling, Load balancing, Resource utilization, RBAC, rolling updates for applications in containers using Kubernetes
- Packaging container based applications using package manager Helm
- Setting up of standalone Openshift Origin and creating services in Openshift
- Deploying applications using Openshift Origin
- Installing software's, packages, Kubernetes using configuration management tool Ansible
- Provisioning high availability infrastructure in AWS using EC2, EBS, RDS, Load balancing, Auto Scaling, Route 53, Cloud watch, SNS
- Created users and groups using IAM and assigned individual policies to each group
- Launching VPC in AWS with public and private subnets and configuring NAT Gateways
- Implementing CI-CD process for container based applications using tools like Jenkins, Git, Maven, Sonarqube, Docker and Kubernetes
- Creating custom dashboards in Splunk

Tata Consultancy Services - GE Capital(Com & Fin) - Developer
Mumbai, Maharashtra
11/2015 - 11/2016

- Setting up of Hadoop cluster in Fully Distributed Mode
- Setting up of Ambari for Monitoring Cluster
- Implementing end-to-end Hadoop security with open source frameworks in accordance with parameters related to Perimeter, Authentication & Authorization
- Using Knox, Kerberos, Ranger and KMS to establish above criterion
- Developed Customer details module using ABF development environment
- Created screens using Visual form editor (Vifred) and written 4GL code
- Enhancements in 4GL code and frames as per business requirement

Accomplishments

- Star Performer of the year for showing excellence in 2017-2018.
- Spot Award for showing determination on work and awarded Gems.
- Service commitment Award.

Pradesh
AP
High School Diploma
- Graduated with 91%

Certifications

- AWS Certified Solution Architect Associate - License : 2BQSBTCKEFRQQ6KF