Saurabh Dua

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I Hold 5 years of experience of into DevOps . In the 5 years i have got opportunity to work to Public Cloud like AWS and worked with Docker containers and container orchestration tool like Kubernetes and Implemented various solutions for different Clients that involved building CI/CD piplines using tools like Jenkins, Drone , Argo CD , Ansible , Terraform and Kubernetes. Along with Monitoring the resources in HA env using New Relic , Instana .

Skills

- AWS
- Kubernetes
- Docker
- Ansible
- Jenkins
- Terraform
- Monitoring and Logging
- Shell Scripting and Python
- Linux Administration

Work History

2018-04 - Current

DevOps Engineer
BRISTLECONE INDIA PVT. LTD, Noida

- Working with AWS Cloud to providing solutions to various teams for all the services in each environment dev , qa and prod.
- Created CI / CD Jenkins pipelines supporting both the Cloud and On Prem Environments leveraging terraform , ansible , docker containers to pull the latest code and deploy the same in EKS Cluster and On Prem VM.
- Driven the Automation for EKS Cluster using Terraform.
- Create Terraform Modular Configuration for automated install of Instana agent enabling automated monitoring Windows and Linux Environment.
- Creating CloudFormation Templates for creating various resources like VPC , EC2, Autoscaling Groups , S3 Bucket , IAM Roles, KMS KEYS and

automating it using the Ansible Playbook and Jenkins.

- Create Automation provisioning for VM in AWS using ansible in rundeck job..
- Created Ansible Playbook to for End To End Installation of Automation Anywhere software's on Windows VM .
- Created CI/CD Drone pipeline for deployment of API'S to EKS Cluster that does the unit testing , publishes docker images , publishes helm charts to chartmuseum and finally deploys to cluster using helm file plugin along with Integration Test and RollBack.
- Written Jenkins CI/CD Pipeline with Pipeline as Code using groovy declarative method supporting both the Cloud and On Prem Environments leveraging terraform , ansible , docker containers to pull the latest code and deploy the same in EKS Cluster and On Prem ephemeral VM.
- Deployed Kubernetes Addons like Kubernetes Dashboard , Prometheus , Grafana to the Kubernetes Cluster using helm package manager.
- Deployed Authentication Model using IAM Authenticator and Driven Complete Automation around it with Jinja Templates and Ansible Playbook.
- Setting up kube2iam daemonset for applications pod level access to AWS services like DyanmoDB , CloudSearch , S3.
- Worked on monitoring tools like instana ,new relic, grafana.
- Setted up Veracode Code Static code analysis via the rundeck job on both linux and windows env for the complete stack. And then publishing the reports to S3.

DevOps Engineer
NEURONIMBUS SOFTWARE SERVICES PVT. LTD, Delhi

- Working on AWS clouds using services like VPC , EC2 , ELB and AUTO SCALING , S3 , etc.
- Writing CloudFormation Templates to provision infra as Code.
- Doing Monthly AMI Bakes with Jenkins.
- Working on Kubernetes and Running ELK stack on top of if it.

DevOps Engineer
IBIBO GROUP PVT LTD

- Designed and built highly available, private AWS clouds using services like VPC , EC2 , ELB and AUTO SCALING , S3 , RDS etc.
- Implemented Micro Services using Docker Containers across the entire redbus B2B platform.
- Automated Releases for redBus B2B portals - Seatsller for Domestic in3.seatseller.travel and plus.redbus.com for International Platform using Rundeck.
- Building CI/CD pipeline to make development lean and agile by. Using Jenkins and Github plugins so that minimum intervention of DevOps is needed.
- Completed Major Upgrade for existing RDS database instances from MySQL 5.1 to MySQL 5.6.
- Managing Monitoring for the servers and applications using tools like NEW RELIC & Cloud Watch.
- Used Shell Scripting to automate day to day activities like pushing code to parallel stack , config changes push to servers for new release , creating

docker images and running the containers , clearing log files etc.
- Working with Version Control System like Git.
- Resolving alerts and issues raised by NOC TEAM on call 24*7.
- Working with JIRA ticketing system to track progress of a task .

Education

Bachelor of Science: IT
Punjab Technical University

Trainings

- Training from Network Nuts for Red Hat Certifications.
- Training for AWS Certified Solutions Architect - Associate from linuxacademy.com.
- Training on CloudFormation from https://udemy.com.
- Training on CKA from https://udemy.com.
- Training on Terraform , Ansible and Openstack from https://udemy.com.

Certifications

RHCSA

RHCE

Interests

Fitness

Yoga

Travel

Food

Cricket