
Objective

Seeking a responsible position with an opportunity for professional challenge along with personal growth to support and enhance co-operative objectives.

Professional Profile

- Software Engineer having 3 years of experience in DevOps Automation Development, Developer support, Operations support and Docker, Kubernetes implementation on Amazon Web Services.
- Have good experience in infrastructure automation, Provisioning Infrastructure and maintenance with the major tools in the DevOps tool chain.
- Also 3 years of experience as a Backup Administrator which involves Backup and Restore, operational support and maintenance, technical support for Critical Businesses.

Technical Skills

- Orchestration - Terraform
- Configuration Management - Ansible
- Docker, Docker swarm, docker-compose, Docker Hub
- Kubernetes
- JIRA, Confluence
- Github
- AWS
- Centos, Ubuntu, Windows
- Nginx, Tomcat servers
- Packer
- Monitoring – Prometheus

Professional Summary

Working as DevOps Engineer in IBM India Private Limited from May 2018 to till date.

Project : AXA client

Role : Platform Engineer (SRE)

Technologies : AWS, Docker, Kubernetes, Git, Bitbucket, Jira, Confluence, Datadog, Kibana, Twistlock, CPM, BOT.

Responsibilities:

- Managing the applications on the cloud infrastructure.
- Design, develop and maintain of public cloud infrastructure.
- Design, develop and maintain of cloud infrastructure using Terraform modules and Ansible playbooks.
- Ansible installation and management for agent installation and Virtual Machine spin up using terraform.
- Maintaining the Cluster & the Application Infrastructure in Kubernetes.
- Using Elastic Search and Kibana for logs.
- Creating the Dashboards for the Kubernetes Cluster Monitoring and Application Usage
- Documentation of the Process and Creating the Runbooks in Confluence regularly.
- Troubleshooting the Build & Deployment failures.
- Worked on Multiple AWS Accounts, Instances, Set Security Groups, Load Balancers, S3, RDS, Route53, AMI, IAM, Autoscaling for cost optimization, fault tolerance & high availability.
- Hands-on Experience on orchestrating the containerized services with Kubernetes, Docker, Helm.
- Co-ordinate with all the resources & manager for minimizing the work by automating daily routine.
- Worked on Amazon Web Services (EC2, ELB, VPC, S3, CloudFront, IAM, RDS, Route 53).
- Deploying, managing, and operating AWS infrastructure services such as S3, RDS, Cloudfront, EC2, ALB,

Cloudwatch, CloudFormation.

- Preparing technical documentation in confluence
- Experience in web servers i.e. nginx, apache2, haproxy.
- Monitor effectively billing and cost optimization strategies.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
- Elastic Block Storage (EBS) and S3 buckets & enabling versioning & life cycle management policies on S3 buckets.
- Implemented automated way of AMI creation process using packer and adding it to

CI/CD pipeline.

- Have experience on migration of docker swarm to kubernetes using terraform, ansible, helm charts in all the non-prod and production environments.

Worked as Backup Administrator in Capgemini from Dec 2015 to March 2018.

Projects : WOOD

Role : System Administrator

Technologies : Commvault

Responsibilities:

- Having Knowledge and experience on Commvault Version 10, 11.
- Managing backup infrastructure for an US based client, Simapana Commvault 9.0 is the primary backup application for the entire client (Purely Windows 2003 Server environment).
- Recovering data when required from servers of both windows, unix platforms and virtual servers
- Troubleshooting in case any error pops up during the restoration.
- Addition and removal of servers into the commcells.
- Scheduling the backups as per the change requirements by overriding the schedule as and when required.
- Installing and configuring Client Agent, Media Agent and Commserve.
- Troubleshooting library issues.
- Updating and upgrading the backup application according to the latest release of the patches.
- Configuring SQL Database for Backup.
- Knowledge on BMC Remedy ticketing tool and ITIL process.
- Working in DR and completing it successfully.
- Fully understand and support all Backup administration and management policies and procedures
- Managing the backup infrastructure to ensure all Service Level Agreements are met.
- Restoring the user data as per the users request from the tapes within the retention period and from outside the retention period.
- Administration of backup servers like monitoring drive capacity, services, patches, daily check report and monitoring the daily backups that are running in the console.

Achievements:

- Recognized as the Best Employee of the Year for the Automating daily Backup report that was manually done .

Education

Graduated in Bachelor of Technology in the Stream of Information science Engineering with Distinction from SJBIT in 2015.

Personal Details

Date of Birth : 30-July-1993
Nationality : Indian
Languages : Telugu, English,Kannada

Declaration

I vouch for the authenticity of the above information.

Date : Sowmya Balaji