

Hanumandla Vinay

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Professional Summary:

- 2.7 years of extensive experience in Information Technology as a DevOps Engineer in AWS, Design, Development, Automation and Administration.
- Ability to build deployment, build scripts and automated solutions using **BASH, YAML** and **JSON**.
- Expertise in DevOps, **Configuration Management, Cloud Infrastructure, Automation**. It includes **Amazon Web Services (AWS)**, Maven, **Jenkins**, GitHub, Tomcat & **Linux** etc.
- Expertise in automating deployments of **Kubernetes applications** in EKS, managing **Kubernetes objects** and monitoring Kubernetes objects and components.
- Good hands-on experience in Version control tool **GIT**.
- Experience with **AWS Cloud platform** and its features which includes **EC2, VPC, ELB, ALB, AMI, ECR, RDS, Cloud Watch, Cloud Front, Auto scaling, IAM, SNS, S3 and Glacier**.
- Extensively worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End-to-End automation for all builds and deployments.
- Hands-on experience in working with configuration management tools like **ANSIBLE**.
- Prioritized the tasks and assigned the work to corresponding team and ensure the end-users continue with their work smoothly without any issues.
- Expertise on several Docker Components, Docker Images, Docker Volumes and Docker Containers.
- Experience in Software Configuration Management (SCM), Build, Release Management using **GIT**, Maven, **JIRA**, **Jenkins** on Unix. Experienced in working with Ticketing & Tracking tools like **JIRA** and **confluence** for documentation.
- Experience in troubleshooting any issues generated while build and deployments.
- Ability to work with all teams and understand code changes and review business requirements and identify any gaps between operations and developing stages to eliminate downtime using DevOps and infrastructure as Code methodologies and ideologies.
- Effective team player with excellent problem-solving abilities & self-starter with strong technical and communication skills.
- Provisioning Infrastructure on AWS using **Terraform**.
- Worked on **Kubernetes** to Orchestrate the deployments, scaling and management of Docker Containers.
- Documented and maintained track of software solutions on Confluence.

Technical Skills:

Operating Systems	MS-Windows, Linux (Amazon Linux, RHEL, centos, Ubuntu)
AWS Cloud	Amazon Web Services, (EC2, VPC, ELB, ALB, AMI, ECR, ECS, RDS, Cloud Watch, Cloud Front, Auto scaling, IAM, SNS, S3 and Glacier.)
Containerization Tools	Docker
Container Orchestration	Kubernetes, HELM, Elastic Kubernetes Service (EKS)
Infra Provisioning Tools	Terraform
CI & CD and CM	Jenkins and Ansible
Scripting	Shell Scripting, Json and YAML
Monitoring Tools	Cloud Watch
Artifactory Repository	Elastic Container Registry (ECR).
Other Tools & Technologies	Postman, Atlassian suit (Jira, Confluence), Putty and other internal tools.

Professional History:

Project	Westpac
Company/Client	Tata Consultancy Services (TCS)
Duration	July 2021 - Present
Technologies/ Tools	Terraform, Docker, Kubernetes, Jenkins, Shell Scripting, AWS Cloud, Jira, Confluence, Putty, HELM, Linux, Amazon Linux, Windows, AWS CLI.
Role	DevOps Engineer.

Responsibilities:

- Used Terraform to setup all AWS infrastructure including AWS EKS and within EKS Cluster I used to configure and administer k8s objects.
- Used GitHub Organization to import subset of repositories for Jenkins CI/CD builds and deployments.
- Used Helm charts for packaging YAML files and for deploying services on Kubernetes
- Hands on experience in Managing the Cloud services in AWS (EC2, ELB, ECR, EBS, S3, EKS, RDS, NLB, AMI, VPC, IAM, KMS, Cloud Front, ASG).
- Experience in EKS cluster upgradations, deploy the services.
- Experience in running Docker Containers, Docker container images, pushing the images & taking back-up of images.
- Hands on experience with developing and executing Shell scripts.
- Efficient in working closely with core product teams to ensure high quality and timely delivery of builds.

Project	Neotel
Company/Client	Tata Consultancy Services (TCS)
Duration	July 2019 - July 2020
Technologies/ Tools	AWS Cloud, GitHub, Jenkins, Ansible, Docker, Kubernetes, Shell Scripting, HELM, Jira, Putty, EC2, ELB, VPC, RDS, AMI, EFS, IAM, Cloud Front, Cloud Trail, S3, Cloud Watch, SNS, SQS, EBS and EKS.
Role	DevOps Engineer

Responsibilities:

- Coordinate with developers with establishing and applying appropriate branching, merging, labeling/naming conventions using GIT version control.
- Responsible for setting up and building AWS infrastructure
- Written Manifest files in Kubernetes.
- Hands-on experience in working with configuration management tools like ANSIBLE.
- Expert in configuring and maintaining Amazon Web Services which include services like EC2, VPC, S3, Cloud Watch, Cloud Trial, Security Groups, EBS, Cloud Front, IAM, Route 53, Load Balancer, Auto Scaling Group, ECR, ECS etc.
- Hands on experience in managing the Jenkins issue & managing and creation of various pipelines, also experienced in writing playbook using ansible to automate the configurations.
- Involved in writing Ansible playbooks and used its modules to deploy, configure and manage servers.
- Involved in developing and improving playbooks and roles to automate processes using Ansible.
- Strong analytical, troubleshooting skills to consistently deliver productive technological solutions. Coordinated with the Offshore and Onshore teams for Production Releases.

Education:

- Bachelor Engineering – Mechanical Engineering – 2019 – Methodist College of Engineering and Technology (Hyderabad), India.
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