

Bhargavi

Email: n.bhargavicloud@gmail.com

Ph.No:+918125426045

Career objective:

Having around 2.5 yrs of experience into AWS Cloud and DevOps, Looking to be associated with a progressive and professional organization with challenging and responsible opportunities to utilize my strength and skills already acquired and to expertise in latest technologies

Professional Profile:

- Good Understanding in a broad range of cloud technologies in an automated development environment **including S3, EC2, EBS, VPC.**
- Setup/Managing VPC, Subnets make connection between different zones
- Implementing AWS Infrastructure Service as per the business needs (**EC2, VPC, ELB, Auto scaling, S3, IAM, CloudWatch, Lambda, Terraform**).
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/Downgrade AWS resources. (CPU, Memory, EBS).
- Create and Configure **S3** bucket with restricted policies.
- Configuring topics for mail and SMS in Aws simple notification services.
- Strong Experience in Amazon **EC2 setting up instances**, VPCs and security groups.
- Managing & maintaining the user accounts by using **IAM**.
- Experience on source controller concepts like Branches, merges and tags
- Experience with automated **build pipeline**, continuous integration and continuous deployment environments.
- Involved in creating **Jenkins CI** pipeline and automated most of the build related tasks.
- Configuring Pre and Post build actions in Jenkins as per project requirements.
- Create **Branches in GIT**.
- Using Git, merging code from develop branch to master branch and make it ready for deployment.
- Experience configuring and updating the servers using configuration management tools like Ansible.
- Deployment of code across various environments using **Ansible**.
- Author **Ansible Playbooks** to maintain configuration across nodes.
- Responsible for writing the **Ansible Playbook for Orchestration**.
- Managed Linux and Windows virtual servers on AWS EC2 using **Ansible server**.
- Configured and monitored distributed and multi-platform servers using ansible.
- Deployment and maintained playbooks for configuration management using ansible.
- Debug existing automation code and test to confirm functionality within AWS/EC2.
- Work with **Ansible Automation** to create infrastructure and deploy application code changes autonomously And create Playbooks for Ansible using **YAML**.
- Experience in DevOps Engineering in automating, building and deploying of code within different environments (DEV, QA, UAT and Prod).
- User administration, creating, modifying and deletion, resetting Unix account password.
- Having experience on Maven & **Docker**.

Technical skills:

Cloud Technologies	: Amazon Web Services
Operating Systems	: Linux, Windows
Scripting Language	: Shell
Configuration Management tool	: Ansible
CI/CD	: Jenkins
SCM tool	: Git
Container and automation	: Docker
Build Tool	: Maven
web servers	: Tomcat,Apache
monitoring tools	: Nagios, cloud watch
AWS services	: AWS EC2,IAM,VPC,EBS,ELB,Auto Scaling,s3,RDS,Cloud Watch

Professional Experience:

PROJECT 1:

Project : TEOCO
Date : Aug 2019 to Oct 2020
Role : DevOps Engineer

Description:- TEOCO improves how communication service providers manage their networks – and their business. With offices across the U.S. and the world, TEOCO is a leading provider of analytics, assurance and optimization solutions to over 300 communication service providers – including mobile, fixed, and next generation networks and equipment manufacturers. TEOCO's suite of software solutions reduces operational costs and improves network quality by delivering real-time, actionable insights into device, network, service and business performance.

Roles & Responsibilities:-

- Worked in an atmosphere of cross-functional team within the organizations **Agile** project life-cycle. Used **Git** [GitHub] as source code management tool.
- Involving in the process of creating local repo, **cloning the repo, adding, committing, pushing** the changes in the local repo, saving changes for later (Stash) and recovering of files
- Creation and working on **branching, creating tags, viewing logs** etc.
- CICD tool **Jenkins**: creating new jobs, managing required plugins, configuring the jobs, selecting required source code management tool, build trigger, build system and post build actions, scheduled automatic builds, notifying the build reports etc.
- Setup of slave infrastructure on Jenkins Master. configured **CM servers as the slave** on Jenkins
- Working on CM tool **Ansible** on Master servers for configuration management, continuous application deployment and server provisioning
- Connecting the nodes with master by **SSH configurations** and connecting the nodes with master server
- Writing **playbooks** and executing **Ad-Hoc commands** for orchestration of nodes i.e. package installations file management, automatic deployment and other automation tasks.
- with required configurations like VPC subnets, security groups, etc.
- **Manage AWS EC2 instances** utilizing Auto Scaling, EBS, and Elastic Load Balancing.
- Using **Nagios** as an IT infrastructure monitoring tool: monitoring host resources such as processor load, disk usage, monitoring applications.

PROJECT 2:

Project : Touch n Go

Client : TNG

Date : Oct 2020 to till date

Role : DevOps Engineer, Aws Admin

Description:- The Touch 'n Go smart card is used by Malaysian toll expressway and highway operators as the sole electronic payment system (EPS). The credit card-sized smart card is made of plastic with microchip technology embedded in it. The Touch 'n Go systems are designed to process up to 800 vehicles per hour to ease the queue congestion at toll plazas and if used together with SmartTAG (a non-stop electronic toll collection system), will be able to process up to 1,200 vehicles per hour.

Roles & Responsibilities:-

- Creating branches and tags in **GIT** repositories and providing branch access permission to Dev team.
- Responsible for tagging and maintaining code on version control.
- Creating the **Build & Deployment** plans in Jenkins as per the project requirement.
- Configuring Jenkins as a common CI engine to build and promote applications to DEV, QA, STG and UAT environments.
- Deploying the code to test environments using automated deployment tool Jenkins.
- Worked on cloud AWS services **EC2, VPC, S3, ELB, Cloud watch, EBS and IAM, RDS.**
- Used Jenkins pipelines to drive all micro services builds out to the **Docker** registry.
- Worked on Setup and Managing AWS services. (EC2Security Groups, IAM and VPC).
- Proficient with container systems like **Docker and container orchestration like EC2 Container Service.**
- Implemented the setup for **Master slave** architecture to improve the Performance of Jenkins
- Working on CM tool **Ansible** on Master servers for configuration management, continuous application deployment and server provisioning.
- Writing **playbooks** and executing **Ad-Hoc commands** for orchestration of nodes i.e., package installations file management, automatic deployment and other automation tasks.

Achievements:

- Diploma in spoken english at VIOL (vivekananda institute of languages) .

Education:

- Completed Degree(BSC statistics) in 2017 from Rayalaseema university,kurnool.

Working Experience:

- Working as a DevOps Engineer in iAppsoft Solutions India Pvt Ltd from Aug2019 to till Date

PLACE: Hyderabad

DATE:13/01/2022