

OBJECTIVE:

- I would like to be in a position within an Organization that can utilize my abilities to their fullest which allows me an opportunity to continue to grow.

SUMMARY OF QUALIFICATION AND EXPERIENCE.

- 4 Years of Experience as a Cloud Engineer [Aws and DevOps].
- Good work ethics with excellent communication and interpersonal skills.

WORK EXPERIENCE:

Organization	Location	From	To	Designation (Role)
LТИMindtree	Hyderabad	12-June-2022	Present	Senior Engineer (Cloud & Infra)
Wipro	Bangalore	14-Sept-2019	10-June-2022	Cloud Admin

PROFESSIONAL EXPERIENCE

Senior Engineer (Cloud & Infra) **June 2022 to present**
LТИMindtree, Hyderabad),

Responsibilities:

- Working knowledge on merging code lines in the **GitHub** and resolved all the conflicts raised during merging.
- Extensively worked on **JENKINS** by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End-to-End automation for all build and deployments.
- Worked extensively on **monitoring** and setting up new build jobs, plug-ins installations, distributed builds using master/slave and administration activities.
- Implemented **CICD** Pipeline process for build and deployment for all Lower Environments.
- Experience in Installing, Configuring & maintaining **Apache Tomcat** Servers.
- Experienced in build automation, Project Management tool as **Maven**.
- Hands on experience in Continuous Integration Tools such as Jenkins.
- Experience in building Continuous Integration (CI) & **Continuous Deployment/Delivery (CD)pipeline** as an iterative process using Jenkins.
- Experience to manage **IAM** users by creating new users, giving them a limited access as per needs, assign roles and policies to specific user.
- Actively worked on **Docker** and deploying and maintaining Micro services in Dev & QA environment.
- Working with Dev Team to write **Dockerfile**,configuring Jenkins job to use docker build,tag etc

- Hands on experience on **Terraform** a tool for building, changing, and versioning infrastructure safely and efficiently.
- Worked with **Terraform** to create **AWS** components like EC2, IAM, VPC, ELB, Security groups, S3, EKS, etc.
- Extensively involved in **infrastructure as code**, execution plans and change automation using Terraform.
- Managed AWS infrastructure as code using **Terraform**.
- Experienced to create and configure **S3 bucket** with required policy.
- Experienced on Setup and managed backup and recovery using AWS data backup (**Snapshot**, **AMI** creation) techniques within **AWS**.
- Experienced on Configure **VPC** Subnet, **NAT gateway**, **Route Tables**, **ACL** and **Security groups**

PROFESSIONAL EXPERIENCE

Cloud Admin
Wipro, Bangalore.

Sept 2019 to June 2022

Responsibilities:

- **AWS - VPC**, Subnet (Private/Public), Route Table, **Site-to-Site VPN tunnel** establishment, VPC Peering between accounts, **NAT Gateway/Instance**, Deployed **NLB/ALB** (http/https) for routing of internet traffic to web server, Iptables configuration, Bastion/Jump Server creation to disallow direct access, **IAM** Role based application configuration to not use Access key/Secret Key, **AWS S3**, **IAM** Cross account management. Created **CI/CD** on Jenkins with Git repository to deploy Java application.
- Jenkins pipeline will automate the entire **CI/CD** process for a Java application, from code checkout to production deployment.
- Used **SonarQube** for static code analysis to identify any code quality issues, security vulnerabilities, and bugs.
- Jenkins Build using **Maven** which builds the code and runs unit tests.
- **AppScan** to perform a security scan on the application to identify any **security vulnerabilities**
- **ArgoCD** to manage continuous deployment and watches the Git repository and automatically deploys new changes to the development environment as soon as they are committed.
- **Monitoring** The application for performance and availability using Kubernetes tools and other monitoring tools which deployed in K8s using **ArgoCD**.
- Primarily Responsible for **Troubleshooting**, **Creating docker images**, Wiring Pipeline script and Checking logs, Creating alarms, creating IAM roles, configuring VMS, creating snapshot, configuring **Cloudwatch** alarms, writing bash scripts to do tasks, creating partition and mounting it to the VM's.
- Used **Nagios** as IT infrastructure monitoring tool and monitoring host resources such as processor load, disk usage, system logs, monitoring applications. **Docker/K8s**
- **ELK Stack** deployed on spot instances provided by spot.io for staging/dev env for POC purposes, whereas in prod env. management on spot based k8s cluster. Used kops utility to manage/creation of cluster on spot instances.

SKILLS & EXPERTISE

Cloud Environment	Amazon Web Services
Infrastructure as a code	Terraform
Version Control Tool	GitHub
Build Tool	Maven
Continuous Integration Tool	Jenkins
Code Quality Tool	SonarQube
Artifactory Tool	Nexus
Operating Systems	Windows, Red Hat Linux
Containerization Tool	Docker
Container-orchestration Tool	Kubernetes

EDUCATION & QUALIFICATION

Masters In Remote Sensing from Andhra University with 79 CGPA.

PERSONAL DETAILS:

Father's Name : Ramana Murthy
Gender : Male
Marital Status : Unmarried
Languages Known : Telugu , English.

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge.

(Saikiran Pinapathruni)