**ARTHI BASTA**

[**Arthibasta9@gmail.com**](mailto:Arthibasta9@gmail.com) **MOBILE: 8121919186**

**Professional Summary:**

* Having around **3.3 years of experience in IT,** in which **3 years** on **Aws Cloud**  environments like Red Hat Enterprise **Linux**, Centos, focus on DevOps tools and **AWS Cloud Architecture**.
* Experience in Testing Code in different environments and versions.
* Experience in configuring Autoscaling and Creating templates as AMI in AWS.
* Created Terraform Modules and Tested through Jenkin Jobs on Different Versions and Regions.
* Changed Terraform Versions with respect to task.
* Experience in working on AWS services like **IAM, VPC, EC2, EBS, S3, ELB, Auto Scaling, Route 53, and SNS** and create custom sized VPC**,** subnets**,** NAT**,** EC2 instances, ELB and Security groups.
* Designed highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balancer and AMIs.
* Establishing connectivity to AWS Resources in another **VPC** in another region using AWS VPC Peering.
* Having Experience on **Terraform Modules** and creating resources with terraform code.
* Configured **S3 buckets** with various life cycle policies to archive the infrequently accessed data to Storage classes based on requirement.
* Creating alarms in **Cloud watch** service for monitoring the server performance, CPU Utilization, disk usage.
* Experience in Creating ACL for S3bucket user Access settings.
* Used Amazon RDS to create snapshot and automate backup of database.
* Experience on DevOps essential tools like **Docker**, **GIT**, **Jenkins**, **Nexus**, **Maven** to AWS and Managed Services like **EC2, S3, Route53, ELB, EBS**.
* Hands on experience in creating Jenkins jobs, plug-in installations, setting up distributed builds using master/slave concepts.
* Automated deployment of builds to different environments using Jenkins.
* Experienced in using Build Automation scripting like **Maven** as build tools for building of deployable artifacts (JAR, WAR) from source code.
* Experience in using **Tomcat** and Apache web servers for deployments.
* Experience on MYSQL data base

**Work Experience:**

* Working as AWS CLOUD ENGINEER in **MINDTREE SOLUTIONS** from Jan-2019 to till date.

**Technical/ Functional Summary:**

|  |  |
| --- | --- |
| **Operating systems** | Linux, Windows |
| **Version Control Tools** | GIT, GITHUB |
| **CI/CD tools** | Jenkins |
| **Application server** | Apache tomcat |
| **Build Tools** | Maven |
| **Cloud Platform** | Amazon Web Services: Elastic Compute Cloud(EC2), Simple Storage Services (S3), Virtual Private Cloud(VPC), Elastic Load Balancer(ELB), IAM Roles, Users, Profiles, Elastic IP’s,Terraform,Route53. |

**Projects Summary:**

**Project #1:**

**Project Name :** Western Union

**Client Name : Western Union**

**Role : AWS Cloud Engineer**

**Environment :** AWS, Linux, Git, Jenkins, Terraform.

**Roles & Responsibilities:**

* Setting up **EC2 instances** and prerequisites on the instances for deploying the applications.
* Designing and deploying **AWS** solutions using EC2, S3, Elastic Load balancer (ELB), auto scaling groups.
* Experienced in creating multiple **VPC**'s, public, private subnets as per requirement and established connectivity to AWS Resources in another VPC in another region using **AWS VPC** Peering.
* Used security groups, network **ACL**'s, internet gateways and route tables to ensure a secure zone for organization. Used **Git** Hub repository to run **Jenkins** job for Continuous Integration.
* Having Experience on **Terraform Modules.**
* Created Terraform Modules and Tested through Jenkin Jobs on Different Versions and Regions.
* Changed Terraform Versions With respect to task.
* Installing and Configuring Jenkins, Installing plug-in, configuring security, creating a master and slaves for implementation of multiple parallel builds.
* Designed and documented CI/CD tools configuration management.
* Automated deployment of builds to different environments using **Jenkins**.
* Responsible for installation & configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing Docker images to the Nexus repository.

**Project #2**

**Project Name :** **Freedom Health Insurance**

**Client Name : Freedom Health**

**Role :** Cloud Engineer.

**Environment**   **:** AWS, Linux, Git, Maven, Jenkins, Apache Tomcat.

**Roles & Responsibilities:**

* Designing and deploying AWS solutions using **EC2,** **S3**, Elastic Load balancer (**ELB**), auto scaling groups.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
* Defined **AWS Security Groups** which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Working on Multiple AWS instances, set the security groups, Elastic Load Balancer(**ELB**) and **AMI**s, Auto scaling to design cost effective and highly available systems.
* Configuring and Networking of Virtual Private Cloud (**VPC)**.
* Creating **S3 buckets** and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Used **Cloud Watch** to set alarms for notifications or automated actions, and to monitor logs for a better understanding and operation of the system.
* Strong working knowledge on **GIT**.
* Worked on chef cookbooks and created JSON files for chef environment.
* Performing the regular tasks that include cloning, pulling the repositories, branching and merging.
* Responsible for creating Artifacts using **Maven** and deploying those artifacts into **Tomcat Server**.
* Configured and managed Git plugins in **Jenkins** server.
* Responsible for configuring the slave nodes in **Jenkins.**

**Educational Qualification:**

* Completed M.tech in 2018 from CVR , Hyderabad .

**Declaration:**

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

Arthi B

Place: Hyderabad