**BANA SAI PAVITRA Email:** [banasaipavitra27@gmail.com](mailto:banasaipavitra27@gmail.com)

**Cloud Engineer Phone:** 9491168205

**PROFESSIONAL SUMMARY**

 3+ years of IT industry experience as Cloud Engineer, adept in Source Code Management, Automating, Building, Deploying in multiple regions

 Having experience in setting up **CI** (Continuous Integration) and **CD** (Continuous Deployment)methodologies with **Jenkins**

 Hands on experience in working with **Linux OS** and in **GIT** for maintaining git code repositories.

 Experience in **Jenkins master-slave** for multi machine builds.

 Automated the application deployment in **Dev** and **QA** environments

 Having experience in creating **docker** files to build docker images for different environments.

 Worked on automating Infrastructure provisioning using **Terraform** for creating modules and release them into git hub.

 Creating and managing **ELB** and auto scaling groups for high availability and scalability

 Having experience in **cloud watch for monitoring**

 Experience in creating EC2 servers,Load balancing and auto-scaling in AWS.

 Experience in maintaining **git** repositories which includes integration of jenkins, pull requests creations and branching.

 Having knowledge on creating **MySQL** database or Maria db on AWS cloud platform.

 Having knowledge on configuring storage by using **Amazon EBS**

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Tools** | **Tool Name** |
| SCM | GIT |
| Ticketing tool | Rally |
| Containerization | Docker,Kubernetes |
| Operating System | Windows,Linux |
| CI/CD | Jenkins, Ansible |
| IAAC | Terraform |
| Cloud | Aws |

**CERTIFICATIONS**

l Designing and Implementing Microsoft DevOps Solutions-AZ400

l Microsoft Certified Azure Fundamentals-AZ900

l Full Stack Engineer - DevCloudOps Beginner

l AWS cloud Practioner

**EMPLOYMENT SUMMARY**

Working as a DevOps Engineer at ACCENTURE Solutions Private Limited, BANGLORE from May 2021 to till date.

**ROLES & RESPONSIBILITIES**

l Daily communication with On site coordinator for a clear vision & parallel work

sync on the business requirements

l Implementing **Docker** (images/containers) by using CI/CD process in Jenkins

l Supporting different environments like Prod, Dev .

l Creating **Auto scaling** groups and setting up scaling policies.

l Configuring **AWS IAM** groups and users for improved login authentication.

l Using **AWS Cloud watch** and **SNS** for monitoring AWS resources and billing

l Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins

l Launching **Amazon EC2** Instances using **Amazon Images**(Linux) and configuring launched instances with respect to specific applications.

l Creating servers in different cloud environments according to the requirements using **terraform**.

l Skilled in addressing challenges through incident management portal such as **Rally**.

l Configured the yum repositories for installing and updating the packing on Red Hat Linux

l Attaching **Elastic IP** to servers, backing up the data by using **snapshot**.

l Attaching **SSL certificates** to load balancers and configuring SSL certificate for web server and application server to provide security

l Creating **VP**C with subnets, managing the route tables to allow communication with VPC peering connections.

l Responsible for maintaining and monitoring various day-to-day operations

l Used **Docker** as a containerization tool to build the image based upon the docker file and push the built image to Docker container registery.

l Experience in **fine tuning** of policies.

l Levarage IAC principles to automate infrastructure provisioning using Terraform

l Experience in running **GIT** commands to push & pull the code between GIT hub and local repository.

l Responsible for creating release pipelines in **jenkins** to perform efficient and seamless deployments