Priyanka konchada

Phone: 91+ 8639789896

Email ID: [priyankakonchadarokkam@gmail.com](mailto:priyankakonchadarokkam@gmail.com)

# PROFESSIONAL SUMMARY: -

* Having 4 years of as **DevOps Engineer** in implementing the field of **Build**, **Configuration Management, Cloud Services (AWS), Containers.**
* Proficient in **AWS** services like **EC2, S3, ELB, Auto Scaling**, **Cloud Watch** configuring **Security groups, SNS,VPC, IAM,** and **Route 53**
* Good hands-on experience with DevOps tools such as Git, GitHub, Jenkins, Ansible, Docker and **Kubernetes.**
* Had Experience on **LINUX** platform and configuring Devops tools in **AWS Linux servers.**
* Having Experience in administrating and handling of Version control tool **GIT** and its activities like Branching, Merging.
* Experience in configuring Jenkins to perform continuous integration (CI) and Continuous Delivery (CD) for the applications.
* Professional Experience on Containerization tool like **Docker,** Writing Docker files for creating Docker images and containers for different environments.
* Worked on Docker container, attaching volumes to container, removing images, and managing containers.
* Experience in Configuration Management tool like Ansible for writing multiple playbooks and creating roles.
* Used Kubernetes to orchestrate the deployment, Scaling and management of Docker images
* Having Experience on creating manifest files for Deployments, Replica Sets, Pods, Secrets in Kubernetes.
* Experience in working with **Terraform** to create AWS services like EC2 instances, IAM users and roles, VPC, Subnets, Route Tables, and S3 Buckets.

# ACADEMIC DETAILS

* B.Tech from **BVC College of Engineering , JNTUK.**

# ORGANIZATIONAL EXPERIENCE

Working as a **DevOps Engineer** in **AVYA IT PVT.LTD** from Aprill 2019 to Till now.

# TECHNICAL SKILLS

|  |  |
| --- | --- |
| Operating Systems | Linux,Windows |
| Continuous Integration Tool | Jenkins |
| Containerization tool | Docker |
| Configuration Management | Ansible, Terraform |
| Source Code Management Tool | Git, Github, Bit bucket |
| Application Server | Apache Tomcat |
| Web Server | Apache, Nginx |
| Cloud Technologies | AWS |
| Programming/Scripting Languages | Shell scripting, YAML |
| Orchestration Tool | Kubernetes |
| Build Tool | Maven |

**PROJECTS: -**

# Project #2:

**Domain:** Insurance

**Role:** AWS DevOps Engineer

# Responsibilities:

* + Maintained **GIT** repositories.
  + Responsible for maintenance of the GIT Repositories and performed all necessary day-to-day GIT support for different projects.
  + Administrating users groups and setting up of policies by using IAM.
  + Monitoring all cloud services by using Cloud Watch.
  + Automate the build process using Jenkins and Maven.
  + Launching and configuring of Amazon **EC2 (AWS)** Cloud Servers using AMI's (Linux/Ubuntu)
  + Configured and managing **Security groups.**
  + Worked on utilizing the Simple Storage Services (S3).
  + Built S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on AWS.
  + Created and configured **Elastic load balancers** and **Auto scaling groups** to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
  + Installing Plugins in Jenkins as per project requirements. Automated the building process and reduced all manual intervention needed and merged that to the **Jenkins** job.
  + Implemented Continuous Integration using **Jenkins.**
  + Configured Jenkins job Git and Maven for generating artifacts.
  + Using Ansible Configuration management tool to automate repetitive tasks, quickly deploy critical applications, and proactively manage change.
  + Worked on containerization tool like Docker, writing Dockerfiles, and creating Docker images out of them.
  + Created Docker container images by tagging and pushing the images into Dockerhub.
  + Worked in environment, utilizing Kubernetes and Docker for the runtime environment for the CI/CD system to build, test and deploy.
  + Created Kubernets Pods, Cluster, Replication Controllers, Labels, Health checks by writing Yaml Files.
  + Maintaining the kubernetes cluster by rectifying and eliminating the pods failure by reading the logs.
  + Updating of tags in K8 deployments to manage Blue/Green deployment strategy.
  + Working on Atlassian JIRA ticketing tool & workflows, pulling reports from dashboard.

# Project #1:

**Domain:** HealthCare

**Role:** Jr. Associate consultant

# Responsibilities:

* + Working on branching strategies for GIT. Configured and deployed GIT repositories with branching tagging merge requests and notifications.
  + Launching **EC2** Windows/ Linux instances on Amazon cloud and creating security groups, changing rules and restricting access and configuring cloud watch alarms along with **SNS** notifications.
  + Creation of Users, Groups and Folders, setting permissions as per the project.
  + Amazon IAM service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM.
  + Using Cloud Watch service, created alarms for monitoring the EC2 server’s performance like CPU Utilization.
  + Copy/move application related files or folders to desired location, as per the change requests.
  + Used Auto-scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand.
  + Creating branches and tags using **GIT,** Setup Git, creating Users and Groups, assigning permissions.
  + Integrated GIT into Jenkins to automate the code check-out process.
  + Creating and maintaining the Jenkins slaves for distribution of loads.
  + Used MAVEN as a build tools on java projects for the development of build artifacts on the source code.
  + Monitoring daily builds using the **CI** tool Jenkins and verifying logs if a build fails.
  + Responsible for providing support for Build and deployment of application.
  + Worked on Containerization tool like Docker, writing Dockerfiles**,** and creating Docker Images out of them.
  + Reducing the downtime of application by using Rolling Update and Rollout restart policy.
  + Verify Deployment logs to check for successful deployments.

# Declaration:

I hereby declare that all the information provided in this document is true to the best of my knowledge.

**Priyanka Konchada**