**Name**

**Email:xxxxxxxxxx@gmail.com**

**Mobile +91-xxxxxxxxx**

**Professional Summary:**

* Having around **4 years of experience** as a **DevOps** and **Aws Cloud** engineer, Support and Maintenance in environments like Red Hat Enterprise Linux, Centos and focus on DevOps tools and AWS Cloud Architecture.
* Experience in working on AWS and its 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.
* 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.
* Used Amazon RDS to create snapshot and automate backup of database.
* Experience on DevOps essential tools like **Ansible**, **Docker**, **GIT**, **Jenkins**, **Maven** to AWS and Managed Services like EC2, S3, Route53, ELB, EBS.
* Good 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.
* Automate Deployment using configuration Management tool like **Ansible** to provision amazon AWS Instances to enable Continuous Deployments.
* Experienced in using Build Automation scripting like **Maven** as build tools for building of deployable artifacts (JAR, WAR) from source code.
* Worked on Provisioning of AWS instances using **Terraform** and User data.
* Experience in using **Tomcat** and Apache web servers for deployments.
* Experience in **Docker** like creating Docker images, containers, Docker files, tagging and publishing to Docker Hub.
* Good knowledge on Kubernetes.

**Work Experience:**

* Working as Software Engineer in **xxxxxxx Technologies** from Nov-xxxx to till date.
* Worked as a **QC\Testing Engineer** at xxxxxxx Power Private Limited, xxxxxxxx From March xxxx-March xxxx.
* **Technical/ Functional Summary:**

|  |  |
| --- | --- |
| **Operating systems** | RHEL6.7,ubuntu ,Centos |
| **Version Control Tools** | GIT |
| **CI/CD tools** | Jenkins |
| **Provisioning tool** | Terraform |
| **Configuration Management Tools** | Ansible |
| **Containerization Tool** | Docker, Kubernetes |
| **Scripting languages** | Bash Shell scripting |
| **Application server** | Apache tomcat |
| **Build Tools** | Maven |
| **Cloud Platform** | Amazon Web Services: Elastic Compute Cloud(EC2), Simple Storage Services (S3), Route 53, Cloud Front, Virtual Private Cloud(VPC), Elastic Load Balancer(ELB), Auto-Scaling, IAM Roles, Users, Profiles, Elastic IP’s |

**Projects Summary:**

**Project #1:**

**Project Name :** **Balboa Insurance**

**Client Name :** Balboa Insurance company(USA)

**Role :** Devops Engineer

**Environment :** AWS, Linux, Git, Jenkins, Ansible, Terraform, Docker, Kubernetes.

**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.
* Provisioning of AWS instances using **Terraform** and creating modules to create infrastructure of aws.
* Experienced on writing JSON code for creating infrastructure.
* 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.
* 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.
* Managing the working environments through configuration management tool **Ansible.**
* Working on **Ansible Playbooks** to bring the required infrastructure changes.
* 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.
* Experience in **Docker** like creating Docker images, containers, Docker files, tagging and pushing to Docker Hub.
* Created and managed multiple containers using kubernetes. And creating deployments using Yaml code.

**Project #2**

**Project Name :** **Medco Health Solution.**

**Client Name :** Medco Health Solution –USA.

**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**.
* 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**.
* Installed and configured **Nexus** repository manager for sharing artifacts between internal teams.
* Used Maven dependency management system to deploy SNAPSHOT and RELEASE artifacts to **Nexus** to share artifacts across projects.
* Configured and managed Git plugins in **Jenkins** server.
* Responsible for configuring the slave nodes in **Jenkins.**

**Educational Qualification:**

* B-Tech from xxxxxxxxxx xxxxxxxxxxx.