Name Name

xxxxxxxxxxxxxxxx

+91 xxxxxxxxxx

PROFILE SUMMARY .

I have total 3.5 years of experience in IT Industry, as **DevOps Engineer** I worked for 2.5 years, and 1.0 years worked as **Cloud engineer (AWS)** for the automation expertise engineer and deliver best-fit products on client requirement and maintain sustainable environment in cloud computing space.

PROFFESIONAL EXPERIENCE .

➢ Presently Working as **DevOps Engineer** in **xxxxxxxx Solutions Pvt Ltd** from MAY xxxx to till date.

JOB RESPONSIBILITIES .

➢ Experience on working with **GIT** and **GitHub** - Created Repositories, branches and providing access permissions to the developers over branches.

➢ Extensively worked on **Jenkins** for CICD and for End to End automation for all build and deployments using pipeline scripts and freestyle jobs.

➢ Monitoring daily builds and Verifying logs if build fails in Jenkins. Creating WAR Files Using the build tool **Maven**.

➢ Deploying and Automated deployment of artifacts to various environments like DEV, QA, and UAT/STAGING through freestyle and pipeline script.

➢ Verify Deployment logs to check for successful deployments.

➢ Expertise in building automated CICD pipeline with the help of **Jenkins**.

➢ Configured Jenkins nodes to build jobs & distributing the load of Jenkins server and achieved parallel builds using **master-slave** configuration.

➢ Good experience in writing **Ansible** Playbooks and deploying applications and provisioning Cloud services.

➢ Good Experience in containerization tool **Docker** and Configuring the customized Docker containers and creating docker files for different environments.

➢ Good Experience in container orchestration tool **Kubernetes**. I am able to run stateless and stateful applications on k8s cluster, using health-checks, configmaps, secrets, placement strategies using Node or pod.

➢ Using volumes to provide persistence storage to containers. Worked on scaling our apps using metrics.

➢ Experience in configure AWS services like **VPC, EC2, Autoscaling, AMI, EBS, ELB, Cloud watch, RDS and S3.**

➢ Experience of configuring highly available, secure and robust **VPC** in AWS. Configured security groups, Network Access Control Lit, Routing Tables.

➢ Experience of configuring **auto-scaling, Load Balancers** to handle the load on servers.

➢ Cloud Watch for monitoring server metrics, creating alarms & integrating with auto scaling in AWS.

➢ Ability to learn and master new technologies and to deliver outputs in short deadlines.

TECHNICAL SKILLS .

Technically astute, keeps abreast of the technology trends to deliver innovative and flexible solutions to meet changing business/customer needs in the ever-evolving IT industry. Key skills include.

Cloud	: AWS
DevOps tools	: Git, Jenkins, Maven, Ansible, Docker, Kubernetes(K8s),
Languages	: Shell scripting, JSON, YAML
Application/Web Servers	: Apache Tomcat
Operating System	: RHEL, Ubuntu, Centos.
Virtualization	: Docker.
Orchestration	: kubernetes.

PROJECTS .

project#2 : **Far East National Bank**
Role : DevOps engineer
Environment : AWS cloud, RHEL, Jenkins, Maven, Docker, Ansible, Tomcat, Kubernetes.
Duration : JUNE xxxx to till date

Description:

Far East National Bank (FENB) was founded in 1974 as the first federally chartered Asian American bank in the United States, total assets exceeding US$1.3 billion. FENB became a wholly-owned subsidiary of Taiwan's Bank Sino Pac in 1997. Sino Pac Holdings has total assets of US$50 billion, serving more than 2.5 million customers throughout Asia and North America from over 200 service locations. Through Sino Pac Holdings' extensive financial network in the Pacific Rim, FENB now provides its customers with a unique financial service platform to help integrate their business interests in the united states, Taiwan, China, Hong Kong, Macau, Vietnam.

Responsibilities:

- Implemented AWS solutions using VPC, EC2, S3, RDS, IAM, Elastic Load Balancer, Auto-scaling, Security groups and cloud watch.
- Installing, configuring and administering **Jenkins** CICD tool. Creating CI/CD pipelines by integrating Git, GitHub, Jenkins, Ansible.
- Have used Ansible to hard coat and maintain OS patches and updates to ensure secure OS for better security managements.
- Used Ansible to deploy Docker in multiple servers. Expertise in writing playbooks and creating Roles for Scalability and Reusability in Ansible.
- Hands on experience in provisioning, orchestration, packages, services, configuration and deployment using Ansible.
- Extensively Worked on Ansible and written playbooks for automation change configuration, provisioning, application deployments, services and packages on On-site servers.
- Daily activities include creating builds Performing both manual and automation builds using **Maven** and Jenkins for multiple projects, deploying the artifacts in multiple QA and DEV environments and debugging issues.
- Managed servers on the AWS platform instances using **Terraform.**
- Using docker, I have written the customized **Dockerfile** for my application and building the dockerimages and storing it in Docker Hub registry then running the containers from that docker image whenever requirements needed.
- Creating a docker network and connecting docker containers to that particular network interface, creating the docker volumes and attaching containers to that volumes and backing up the Logs.

- Implemented jenkins pipeline for deploying my customized **Docker** containers into the **Kubernetes** cluster.
- For container orchestration tool we are using Kubernetes. Here I am able to run stateless and stateful applications on **k8s** cluster, using health checks, configmaps, secrets, placement strategies using Node or pod.
- Using volumes to provide persistence storage to containers. Worked on scaling our apps using metrics.
- Worked on **Prometheus** tool for my complete Kubernetes cluster monitoring.
- Used to work closely with Developers and Build & Release team to setup Jenkins server & nodes for build and release team as per request.
- Implemented **Jenkins** for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
- Deployment automated through Jenkins Job with corresponding environment.
- Troubleshoot application issues by log verification.
- Responsible for weekly and daily work checks and backups.

Project#1   : **Far East National Bank**
Designation   : Cloud engineer
Environment   : AWS Cloud.
Duration   : MAY xxxx to JUNE xxxx

Responsibilities:
- Worked as cloud engineer working on AWS and Terraform for Infrastructure provisioning and configuration automation using Terraform.
- Deployment, management and administration of web services in a public cloud environment.
- Expertise in launching Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
- Implemented AWS solutions using VPC, EC2, S3, RDS, IAM, Elastic Load Balancer, Auto-scaling, Security groups and cloud watch.
- Produced a comprehensive strategy using AWS Identity and Access Management IAM.
- Worked with IAM to manage the users and groups using IAM by assigning individual policies and roles to each user and group as per requirements.
- Involved in setting up Elastic Load Balancers for different applications to ensure high availability of applications.
- Created AWS services which include web servers, ELB, EC2 and database security groups, S3 bucket and application configuration.
- Creating various alarms in AWS to have continuous monitoring of resources and billing in AWS.

PERSONAL DETAILS   .

Marital status   :   xxxxxxxxxxxxxx
Languages Known   :   xxxxxxxxxxxxxxxxxu
Address   xxxxxxxxxxxxxxxxxxxxxxxxxxx,
                                        xxxxxxxxxxxxxxxxx.

Education Details   : xxxxxxxxxxxxxxxxxx.