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## Professional Summary:

Having **Total 2+** Years of IT experience as a **DevOps Engineer** in automating, building, deploying, managing and releasing of code from one environment to other environment tightly maintaining Continuous Integration, Continuous Delivery and Continuous Deployment in multiple environments like (DEV/QA/STAGE & PROD).

- Experience in **Git, Jenkins, Ansible, Apache Tomcat, Docker, Kubernetes, Terraform, Nagios** and **AWS**.
- Experience in working on source code management tools like **GitHub**.
- Installed, configured and administered CI tools like **Jenkins** for automated pipeline builds.
- Configuring Jenkins job with related **plugins for Builds, Testing, Artifact creation and Continuous Deployment** to accomplish the complete CI / CD.
- Experience in integrating **Unit Tests** and Code Quality Analysis Tools like **SonarQube**.
- Experience in using **Nexus** artifact Repository Manager for Maven builds.
- Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as **.war& .jar** from source code
- Worked on various versions of **Linux, Unix** operating systems like **RHEL 7x** and **CentOS 7x**.
- Expertise in configuring and managing services like **AWS EC2** using **AMI**'s available. Configured multiple servers depending on application needs using continuous integration tools like **Jenkins**
- Configuring alarms and notification services using **SNS, IAM** role
- Creating IAM users and policies for programmatic access to RDS instances, S3 buckets etc.
- Experience configuring and updating the servers using **configuration management** tools like **Ansible**.
- Experienced with **docker**, Creating containers attach volumes, creating docker images from docker file and published docker images to **docker hub**.
- Experienced with **kubernetes** Creation of pods, deployment, services, RollingUpdates, Load Balancer, AutoScaling.
- Experienced with Infrastructure as Code (IaC) **Terraform**, launch Instance create VPC with subnet, Internet gateway, route table and security group.
- Experience in monitoring the servers using **Nagios**.
- Knowledge on **Azure Devops**.
- Strong ability to trouble shooting the build and deployment issues.

## COMPETENCY MATRIX

- Operating systems : Linux and Windows
- Scripting Languages : Shell Scripting
- Web/ Application Server : Apache / Tomcat
- SCM Tools : GitHub
- Continuous Integration : Jenkins
- Build Tools : Maven
- Static Code analysis Tools : Cobertura, Sonarqube
- Cloud Environments : AWS, EC2, VPC, AMI, Cloud Watch, S3, Cloud Formation, Azure
- Configuration Management tool : Ansible
- Infrastructure as Code(IAC) : Terraform
- Databases : SQL Server
- Orchestration Tools : Kubernetes
- Containers : Docker, Docker Swarm
- Monitoring Tools : Nagios
- Artificatory Tools : Nexus
- Development Methodologies : Agile, waterfall

Devops Engineer at xxxxxxxx Technologies from Aug' xxxx to Mar' xxxx

## PROJECT TECHNICALITIES:-

### PROJECT #1:-

**Organization:** xxxxxxxxxxx technology solutions India Pvt. Ltd.

**Project** : Loblaws Inc  
**Duration** : April' xxxxxx to Till Date  
**Role** : Devops Engineer  
**Skills** : Git, Jenkins, Ansible, Docker, Kubernetes, Terraform and AWS

**Description:** Loblaw is an e-commerce company. These stores carry a variety of goods, but the vast majority of space is devoted to groceries and about a third of each store is set aside for electronics, house wares, drug store pharmacies and clothing. Loblaw is one of the largest chains of department stores owned by Canadian Multinational Corporation. Loblaw made an effort to offer more general merchandise in its stores in the hope of becoming more of a 'one-stop'z shopping destination for consumers.

### Responsibilities:

- I have been working closely with a team whose key responsibilities are creating and managing infrastructure for developers, testers and DB administrators in a way to accomplish automation.
- Provisioned AWS services and resources using Terraform (EC2, EBS, S3, Auto Scaling, Elastic Load Balancing, VPC, Subnets, Routetable, ELB, Security Group)

- Involved in Writing Docker files to build customized images for creating containers.
- Implemented **Docker** containers to create images of the applications and dynamically provision slaves to Jenkins CI/CD pipelines
- Responsible for creating of **Dockers images** and pulling images from **Docker Registry**.
- Deploy Docker images to **Kubernetes** cluster, creation of pods, Deployment services, load balancer.
- We are using **Ansible** as primary automation tool in configuring and deploying to several environments.
- As most of the infrastructure is hosted in **AWS cloud** I'm responsible for creating and managing EC2 Instances. Maintaining **AMIs** of the Configured Ec2 instances.
- Maintaining backup of Jenkins builds & Docker Images in AWS **ECR** , **S3** and creating backup of **EBS** volumes and restoring it.
- Ensuring the servers to sustain the load by configuring **Elastic load balancer & Auto scaling**.

## **PROJECT #2:-**

**Organization:** xxxxxx Technologies

**Project** : Cambia Health

**Duration** : Aug' xxxx to Mar' xxxx

**Role** : Devops Engineer

**Skills** : Git, Jenkins, Sonarqube ,Ansible, Tomcat, AWS EC2, VPC, Autoscaling, ELB, CloudWatch, EBS.

### **Responsibilities:**

- As Devops engineer in my team I have a responsibility in configuring Jenkins jobs in such a way that fetches source code from **Git** repository.
  - Configured Jenkins with **maven build tool** in generating **war/ear** files and archived them.
  - Integrated **Git, Jenkins** and maven in accomplishing continuous integration and configured Jenkins with **Poll SCM** build trigger.
  - Good hands on experience in creating Jenkins jobs, plug-in installations, setting up distributed builds using master/slave.
  - Automated build process used for Web Based applications using one or more tools/Automation framework like **Jenkins**.
  - Involved in scheduling the automated build called Nightly Builds.
  - Interacting with developers to sort out issues related to Build Automation.
  - Creating the Jenkins Jobs.
  - Integrated **nexus** with **Jenkins**.
  - Project involved the usage of maintaining repository and version controlling.
  - Co-work with the globally distributed Development team to fix the build related issues.
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- Development of **shell scripts** for automation of existing manual processes.
  - Automated nightly builds for all the environments and reporting mechanisms.
  - Experienced in, build and deployment of Java applications on to different environments such as **DEV, QA**

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- Managing Jenkins artifacts in **Nexus repository** and versioning the artifacts with time stamp.
- Involved in Deployment of the application using **Tomcat**
- Developed various Playbooks and roles in **Ansible**.
- Bundled automation content with **Ansible roles** to make the content reusable and made possible advanced execution in automation. Configured and maintained **Jenkins** to implement the **CI** process and integrated the tool with **Maven** to schedule the builds and automated the deployment on the application servers using the “code deploy” plugin for jenkins.
- Experience on **Amazon EC2, Amazon S3, Amazon Auto scaling, IAM, RDS, Route 53, VPC, Amazon Elastic Load Balancing, Cloud Formation**, and other services of the **AWS** family.
- Created the **VPC**’s, configured the subnets, attached the gateway and routing tables to the subnets and deployed the EC2 instances in the subnets created.
- Troubleshoot Daily operational issues in AWS
- Provisioning of AWS EC2 instances, setup S3 Storage, Configure Access management policies, Security.

### SCHOLASTICS

- **Post Graduation: Masters in Computer Applications** from xxxxxxxx college

### PERSONAL SPECIFICS

- Date of Birth : 5<sup>th</sup> Feb 1989
- Linguistic Proficiency : English, Hindi and Telugu