**Indira Priyadarshini**
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## Career Objective

- To utilize my technical and management skills for achieving the target and developing the best performance in organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

## Professional Summary

- Experience in creating, configuring and maintaining Infrastructure on AWS Cloud services including Virtual Private Cloud (VPC), EC2, RDS, S3, Route53, SNS, Cloud Front, Cloud Watch, ELB and Auto-Scaling and IAM.
- Experience in creating complex IAM policies, Roles and user management for delegated access within AWS.
- Experience in Source code management tools GitHub including command line applications.
- Experience on deployment tools like Jenkins and maven
- Extensively worked on Jenkins by installing, configuring and maintaining the purpose of continuous integration (CI) and for End-to-End automation for all build and deployments and in implementing CI/CD for database using Jenkins.
- Knowledge on configuration management tools like Ansible.
- Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
- Good Knowledge in Container Orchestration tool Kubernetes.

## Key Skills

- Cloud platform                        - AWS
- Version control system             - GitHub
- Build Tool                               - Maven
- CI-CD Tool                              - Jenkins
- Containerization Tool               - Docker
- Container Orchestration Tool   - Kubernetes
- Monitoring Tool                      -  AWS CloudWatch
- Language                               -  Bash

## Professional Experience

- Having 2.3 years of experience with Esmob Technologies Pvt.Ltd, as a Software Engineer from 2019-Present.

### Project:

**Domain:** Healthcare

**Role:** AWS-DevOps

**Date:** November 2019 – Present

### Roles and Responsibilities-
- Creating EC2 instances, AMIs, taking snapshots, VPCs, subnets, load balancing and auto- scaling in AWS.
- IAM and its policy management to restrict users to particular AWS Resources. Also set up Cross account access using IAM role.
- Setup and launch Amazon Linux and Windows EC2 instances, network interface with Elastic IP's.
- Creating VPC, subnets, Route tables, network gateways, NACl's and Security groups, association of these resources with VPC.
- Having a good knowledge on Jenkins. Configured daily builds, Code coverage using sonarqube and automated test cases in Jenkins.
- SNS topics creations for Cloud watch alarms.
- Installation and configuration of Git, merging code from develop branch to master branch and make it ready for deployment.
- Used SonarQube to help maintain the source code quality.
- Managed Nexus repositories to download the artifacts (jar, war & ear) during the build.
- Configured Git with Jenkins and schedule jobs using POLL SCM option.
- Experienced in working with Amazon EC2 for deploying the applications by grouping all the container instances, where Docker is used as a containerization tool for this.
- Created docker volumes to provide high availability to data even if any of the docker container goes down.
- Developing Docker images to support Development and Testing Teams and their pipelines, distributed Jenkins.
- Developing Docker images for new updates, integrated with jenkins for automatic build.

### Education
- Graduated with B.SC Computer Science- Rao's Degree College-Yemmiganur 2014-2017.

### Declaration
I hereby declare that the information given here with is correct to my Knowledge and I will responsible for any discrepancy.

**Indira Priyadarshini**