**LOKESH A**

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**PROFILE SUMMARY**

**1.6 years** of experience in IT industry comprising of DevOps and Build& Release Management.

**AREAS OF EXPERTISE**

Over 1.8 years as a **DevOps/build and release engineer** in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other environment and deploying to servers.

Experience in Administration/Maintenance of source control management systems, such as code, manage, collaborate **GIT** and SVN

Knowledge on **Dockerhub, DockerImages, ECS, ECR, docker compose**

Implemented **AWS Cloud platform** and its features which includes EC2, VPC, EBS, AMI, ECR, RDS, EBS, Cloud Watch, Cloud Formation AWS Config, Autos calling, AWS DMS Cloud Front, IAM, S3, R53.

Worked on cloud-based servers like **AWS**,

Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service**

Managed **Docker orchestration and Docker containerization** using **Kubernetes.**

Good Knowledge in Shell and python biggener

Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.

Hands on Experience on Deployment and implementation of Ansible for infrastructure as code initiative

In-depth knowledge of computer applications and scripting like **Shell**

Hands on experience with **Shell scripting**, yaml

Experience in Continuous Integration and Continuous deployment using various CI Tools like **Jenkins, CICD**

Experience of working with the release and deployment in **Java** Web applications environment.

Expert in deploying the code through web application servers like **Apache Tomcat**

Solid understanding of networking concepts and conceptual understanding of protocols.

Experienced in deploying Database Changes to **MS SQL Server** and **MY SQL databases.**

Knowledge of databases like **MySQL**

Experienced in branching, tagging and maintaining the version across the environments using SCM tools like GIT, and GIT HUB

Extensive work experience on **Apache Web server** and **Tomcat Application server**.

Hands-on experience creating and managing the various development and build platforms, and deployment strategies.

**EMPLOYMENT DETAILS**

Working as DevOps Engineer in Infotech Global India Pvt Ltdfrom Dec 2020 to Till now.

**TECHNICAL PURVIEW (NETWORK DEVICES & APPLIANCES)**

Versioning Tools: GIT

AWS: EC2, S3, EBS, Cloud Watch, Auto Scaling, RDS, ELB, AMI & VPC,ECR

Cl/CD Tools: Jenkins, Travis

Build Tools:MAVEN

Operating System: LINUX,Ubuntu, Windows 98/XP/NT/2000/2003/2008.

Tools: MS Office Suite, JFrog.

Languages: SQL, Java.

Scripts: Shell Script and Python

Web/App servers: Apache Tomcat

RDBMS: SQL SERVER, MY SQL.

Orchestration: Docker, Kubernetes

**EDUCATION**

 **B.Tech completed in Sri Venkatesa Perumal College of Engineering and Technology, Puttur at 2020**

**Project Details:**

**Project 1 | Client 1**

**Role:** DevOps / AWS Engineer

**Duration:** Dec 2020 to Till now

**Description:** The Ellucian Banner ERP system consists of various functional modules such as General, Student, Human Resources, Luminis, etc. Most of them can be purchased and implemented separately. A large segment of

the Banner customer base is higher education.

**Responsibilities:**

Launching and configuring of Amazon EC2 Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications

Configuring and Networking of Virtual Private Cloud(VPC)

Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)

Created users and groups using IAM and assigned individual policies to each group.

Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.

Having experience in AWS Services like EC2, VPC, S3, IAM, RDS, AUTO SCALING, ROUTE53, ECR, EKS,Cloud watch.

Involved in setting up the CI/CD pipeline using Jenkins, S3, Git and AWS.

Develop the automated build and deployment using Maven and Jenkins using Apache Tomcat.

Having experience in AWS Services like EC2, VPC, S3, IAM, RDS, AUTO SCALING, ROUTE53, ECS, ECR, EKS, Cloud watch.

Having knowledge in working with Terraform scripts for spinning up the AWS environment.

Involved in Jenkins Upgrade, User Management, Jenkins Backup and Restore.

Having experience in spinning up EC2 machines and managing VPC.

Good knowledge in RDS, Route53, ELB and Auto scaling.

Coordinating with developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.

Installing and configuring Apache Tomcat server to deploy the build artifacts through automated shell scripts.

Writing Docker files to create images and build the containers.

Developed and maintained the continuous integration and deployment systems using, Maven, Jenkins

Created Branches and performed Merges in Git.

Good experience in creating Branches, Tags and Release Tags activities and merging.

Daily activities Included Force builds, daily patches.

Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.

Maintain the Access privileges of Jenkins, version control system to developers.

Good experience in Apache Tomcat configuration.

Participated in all phases of Build and Release activities.

Managed and configured various plugins and scheduling the nightly builds in Jenkins in Jenkins CI tool.

Scheduling the nightly builds in Jenkins.

Monitoring the disk space and jobs in CI tools.

Work with various development teams to build and support automated builds, supporting daily continuous integration.

Excellent communication skills, ability to work as a team or individually, ability to learn new technologies quickly.

Designed workflows to automate the Build and Deploy Process.

**Environment:** GIT, Shell scripts, MAVEN, Jenkins, Ansible, Docker, JFrog , LINUX, UNIX, Windows XP, Java.

**Declaration:**

This is to certify that all the information given above is true to the best of my knowledge.

(Lokesh A)