**AWS DevOps Engineer**

**Name: B.Mahesh**

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**Mobile: 8179111202**

**Location: Hyderabad.**

**Career Objective: :**

Adept **AWS DevOps Engineer** with **2.5 years** of experience in designing, implementing, and managing DevOps solutions using AWS services. Seekinga challenging role in a fast-paced environment to leverage skills and make a significant impact.

**Professional Experience: :**

* As a **DevOps Engineer**, I provide support and maintenance in environments, including **Red Hat** Enterprise **Linux, Windows**, and **Ubuntu**, focusing on **DevOps** tools and **AWS** Cloud Architecture.
* Utilized Amazon **RDS** to create **snapshots** and automate the **backup** of databases.
* Demonstrated proficiency in **DevOps** essential tools such **as Docker, Kubernetes, GIT, Jenkins**, and **Maven**, transitioning to **AWS** Managed Services including **EC2, S3, ELB, & EBS.**
* Exhibited hands-on experience in creating **Jenkins jobs**, plug-in installations, and setting up distributed builds using **master/slave** concepts.
* Automated the deployment of builds to different environments using **Jenkins,** resulting in a **20% reduction** in deployment time.
* Worked on the provisioning of AWS instances using **Terraform** and **User data.**
* Possessed experience in using **Tomcat** and **Apache web** servers for deployments.
* Proficient in **Docker**, including creating **Docker images, containers, Docker files**, tagging, and publishing to **Docker Hub**.
* Wrote **Docker files** to create customized Docker images and **manifest files** for **microservice** applications.
* Demonstrated experience in working on **AWS** and its services like **IAM, VPC, EC2, EBS, S3, ELB, Auto** **Scaling, CloudWatch, SNS,** creating custom-sized **VPC, subnets, NAT**, and Security groups.
* Established connectivity to AWS Resources in another **VPC** in another region using AWS **VPC Peering**.
* Configured **S3 buckets** with various life cycle policies to archive infrequently accessed data to storage classes based on requirements.
* Created alarms in **CloudWatch** service for **monitoring** server performance, **CPU** Utilization, and **disk** usage.
* Possessed good knowledge of **Kubernetes**. And demonstrated proven experience with large-scale production **Kubernetes deployments**, including custom complex microservices applications.
* Automated **build, test**, and deployment processes using **Jenkins**.
* Created and managed Linux **virtual machines** (EC2 instances) in AWS. And configured networking and **security groups** for instances.
* Worked on ways to **automate** and improve the **development** and **release** process.
* Involved in the creation of a complete DevOps **CI-CD pipeline** by integrating Git, Maven, Sonarqube, Jenkins, Docker, Terraform, Kubernetes, and AWS Cloud to automate the deployment process.

# Technical Skills: :

* **Cloud Environment:** AWS
* **Automation Tools:** Terraform, Jenkins
* **Version Control Tools:** Git
* **Containerization Tool:** Docker, Kubernetes, ECS, EKS
* **Static Code Analysis Tool:** SonarQube
* **Application Server:** Apache Tomcat
* **Operating Systems:** Linux, Ubuntu, & Windows
* **Scripting:** Shell, YAML
* **Cloud Platform:** Amazon Web Services (EC2, S3, CloudWatch, SNS, VPC, ELB, Auto-Scaling, IAM Roles, EKS, ECS).

**Projects: :**

**Project #1**

**Organization : Collabridge Pvt Ltd.**

## Designation : AWS & DevOps Engineer

**Duration : Jan 2022 to Till date**

**Environment : Git, Maven, AWS, Jenkins, Docker,Kubernetes,Tomact.**

# Responsibilities:

* Used GitHub repository to trigger **Jenkins jobs** for Continuous Integration.
* Installed and configured **Jenkins**, including plugins and security settings, and created **master and slaves** for multiple parallel builds.
* Designed and documented **configuration** management for **CI/CD** pipelines.
* Responsible for the installation and configuration of Jenkins to support various **Java builds** and **Jenkins plugins** for automating **continuous builds** and publishing Docker images.
* Exhibited proficiency in Docker, including creating Docker **images**, **containers**, **Dockerfiles**, and pushing to **Docker Hub**.
* Created and managed multiple containers using **Kubernetes** and deployed using **YAML** files.
* Performed tasks that included **git cloning**, pulling repositories, branching, and **merging**.
* Configured **EC2** instances and their prerequisites for **deploying** applications.
* Configured new build environments for various applications in Linux environments.
* Worked on **production** servers on **Amazon Cloud** (EC2, VPC, S3).
* Scaled configurations of EC2 instances up and down based on **CPU, RAM**, and hard disk requirements. For used **CloudWatch** to monitor Amazon EC2.
* Used **Terraform** to manage AWS cloud **infrastructure** in the areas of EC2, IAM, Load Balancer, Auto Scaling, and VPCs.

**PROJECT # 2**

**Organization : Levelup cloud solution (opc) Pvt Ltd**

## Designation : AWS DevOps Engineer, Intern

**Duration : Jun 2021 to Dec 2021**

**Responsibilities:**

* + Collaborated with the DevOps team to design and implement **CI/CD** pipelines for applications hosted on AWS.
  + Collaborated with development teams to promote code changes through various environments using **Git** and automated pipelines.
  + Created branches and tags in **GIT repositories** and provided branch access permission to the development team for tagging and maintaining code on version control.
  + Developed build and deployment plans in **Jenkins** as per project requirements.
  + Built and deployed **Java** applications in different environments.
  + Installed and configured **Jenkins**, installed plug-ins and configured security.
  + Utilized continuous integration technologies with Jenkins.
  + Designed and created multiple deployment strategies using **continuous integration** and **continuous development.**
  + Implemented and maintained **monitoring** and alerting solutions using **Prometheus and Grafana.**
  + Created a **Jenkins** **master and slave** for the implementation of multiple **parallel builds**.
  + Created **VPCs, subnets,** Configured **EC2 instances**, and added instances to respective **subnets.**

**Experience: :**

**Organization : Mahindra ( Fortune Commercial Vechicles )**

**Designation : Sales And Marketing Executive**

**Duration : Nov 2019-Aug 2020**

**Responsibilities:**

* Generated leads through cold-calling, networking, and advertising.
* Surpassed personal and corporate sales goals.
* Negotiated all contracts with prospective clients.
* Helped determine pricing schedules for quotes, promotions, and negotiations.
* Prepared weekly and monthly reports.
* Delivered sales presentations to a range of prospective clients.
* Coordinated sales efforts with marketing programs.
* Understood and promoted company programs.
* Obtained deposits and balances of payment from clients.
* Prepared and submitted sales contracts for orders.
* Visited clients and potential clients to evaluate needs or promote products and services.
* Maintained client records. And answered client questions about credit terms, products, prices, and availability.

# Educations: .

* B-Tech in MNG from Anubose Institute of technology with a 70% aggregate in 2019.

# Personal Details: .

Name : B. Mahesh

Date of Birth : 09-07-1997

Marital Status : Un-Married

Nationality : Indian

Languages Known : English, Telugu & Hindi.

Hobbies : Reading books, Listening music.

# Declaration: .

* I hereby declare that the information and facts stated herein are true and correct to the best of my knowledge.

## B. Mahesh.