**AWS & DevOps Engineer Email**: **Mahendradevops2023@gmail.com Mahendra Chittipala Ph**: **+91-9573042959**

**PROFESSIONAL SUMMARY:**

Having **1.8** yrs. experience in the IT Industry as a **DevOps** and **AWS** Engineer. Possessing excellent programming skills summed up with strong knowledge in **Linux, Shell Scripting, DevOps, Jenkins, Maven, Git, Ansible, Docker, Kubernetes, Apache, Tomcat, Amazon Web Service s (AWS)**.

**ROLES AND RESPONSIBILITIES:**

* Experience on working with **GIT** and **Git Hub** - 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**.
* Implementing a Continuous delivery framework using **Jenkins, Ansible, & Maven** in **Linux environment.**
* 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**.
* Good experience in Managing and backup the generated artifacts into **Nexus** Artifactory.
* Configured **Jenkins** nodes to build jobs & distributing the load of Jenkins server and achieved parallel builds using master-slave configuration.
* Good knowledge in writing **Ansible** 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.
* Knowledge on container orchestration tool **Kubernetes**.

* Good experience in **AWS** with provisioning & resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS).
* Experience in configure AWS services **like VPC, EC2, Auto scaling, IAM, AMI, EBS, ELB, Cloud watch, RDS and S3.**
* Experience of configuring auto-scaling, Load Balancers to handle the load on servers.
* **Cloud Watch** for monitoring server metrics, creating alarms, SNS & integrating with **auto scaling** in AWS.
* Experience in Monitoring teams to identify and troubleshoot issues on servers using tools like **Nagios.**

**PROFESSIONAL EXPERIENCE:**

* Currently working as a DevOps Engineer in **Tech Mahindra** from Nov 2021 **to** June 2023**.**

**EDUCATION:**

* Bachelor of Engineering from Saveetha University, Chennai.

**TECHNICAL SKILLS:**

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| • | Application Server | : **Tomcat** |
| • | Build Tools | : **Maven.** |
| • | (SCM) Tool | : **Git, Git Lab.** |
| • | Continuous Integration (CI) Tool | : **Jenkins**. |
| • | Operating Systems | : **Linux, Ubuntu, Windows.** |
| • | Scripting Languages | : **Shell Script.** |
| • | Web Server | : **Nginx, Apache.** |
| • | Configuration Management Tool | : **Ansible.** |
| • | Cloud services | : **AWS.** |
| • | Monitoring Tools | : **CloudWatch** |
| • | Command Line Editors | : **VI, Nano.** |
| • | Container Tools | : **Docker, Kubernetes** |
| **PROJECT DETAILS:**  **Project#1:**  **Project : British Telecom**  **Role : Software Engineer** | |

**Environments : Linux, GitHub, Maven, Jenkins, Docker, Kubernetes and AWS   
Duration : Oct 2022 to June 2023**

**Description:**

**BT Group plc** [(trading as](https://en.wikipedia.org/wiki/Trade_name) **BT** and formerly **British Telecom**) is British [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) telecommunications [holding company](https://en.wikipedia.org/wiki/Holding_company) headquartered in [London,](https://en.wikipedia.org/wiki/London) England. It has operations in around 180 countries and is the largest provider of [fixed-line,](https://en.wikipedia.org/wiki/Landline) [broadband](https://en.wikipedia.org/wiki/Internet_access) and [mobile](https://en.wikipedia.org/wiki/Mobile_telephony) services in the UK, and also provides [subscription television](https://en.wikipedia.org/wiki/Pay_television) and [IT services.](https://en.wikipedia.org/wiki/Information_technology)

**Roles & Responsibilities:**

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* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux) and configuring launched instances with respect to specific applications.
* Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups, RDS and IAM).
* Branching, Tagging, Release Activities on Version Control Tools: Git Hub.
* Installing and configuring Jenkins on a Linux machine and created a Master and Slave configuration to implement multiple parallel builds through a build form. Configured plugins in Jenkins to interact with the other tools and scripts.
* Manage Build and Release requests using Jenkins and managing plugins.
* Build Java Code in different Jenkins’s servers as per the schedule.
* Configured and maintained Nexus remote repository for deploying the artifacts and war files.
* Implemented Docker to set up local Development environment
* Setting up the Docker private registry
* Knowledge on container orchestration tool Kubernetes.
* Created Docker files and build images and push to the Docker private registry.
* Set up the local development environments through Docker containers for new developers.

**Project#2:**

**Project : Verizon Business Group**

**Role : Software Engineer**

**Environments : Linux, GitHub, Maven, Jenkins, Docker, Kubernetes and AWS   
Duration : Nov 2021 to July 2022.**

**Description:**

It’s a telecommunication Project with multiple applications like VGO, PSOBS, PQ ,WITS as deals with customer orders which relates to transactions of their orderings in different ways according to category standards, eg: government officials can use PQ application to place orders, and rest customers will order on VGO it’s a multi-vendor project.

**Roles & Responsibilities:**

* Administration of Git tools includes creating branches, tagging, access permissions .
* Experience in Creating branches and tags to separate build system after a milestone releases and Create build storage archives for back tracking builds.
* Automated build scripts using Maven and Shell Scripts.
* Configured Jenkins CI tool for project and setup Nightly Builds.
* Automated the code deployment process in each environment (development, QA, Staging, Production).
* Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using Jenkins.
* Accomplished in tool automation using Shell scripting.
* Participated in Bug review meeting and release the builds to pre-production and production servers.
* Involved in deployment of the application using Tomcat.
* Performed Build and Deployment activities without any rework.
* Responsible for the deployment on Linux for Dev/ QA, staging, productions environment.
* Troubleshoot deployment problems, release issues and environment issues in a multicomponent environment.
* Installation, Configuration and Administration of Jenkins over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured jobs along with various plug-in for Continuous Integration, Release Builds for AGILE and Production Branches.

I declare that the information given above is true to the best of my knowledge

**Place: Bangalore Mahendra C.**